

56. 14  
and  
PP. 2465

# Parker's EPHEMERIS

For the YEAR of Our LORD  
**1778.**

Being the Second after BISSEXTILE or LEAP-YEAR.

The EIGHTY-NINTH IMPRESSION.



LONDON,  
Printed for the Company of STATIONERS  
And sold by GEORGE HAWKINS, at their H  
in LUDGATE-STREET.  
[Price EIGHT-PENCE stitched.]



Hawkins. &c.

# A Table of Terms and their Returns, 1778.

Hilary Term begins Jan. 23, ends Feb. 12.

Returns or Essoign Days.	Ex.	Ret.	Ap.	W. D.
In eight Days of St. Hilary,	Jan. 20	21	22	23 Friday
From the Day of St. Hilary in 15 Days,	27	28	29	30 Friday
On the Morrow of the Purif. Blessed <i>Mary</i> , Feb. 3	4	5	6	Friday
In eight Days of Purif. Blessed <i>Mary</i> ,	9	10	11	12 Thurs.

Easter Term begins May 6, ends June 1.

From the Day of Easter in 15 Days,	May 3	4	5	6 Wedn.
From the Day of Easter in 3 Weeks,	10	11	12	13 Wedn.
From the Day of Easter in 1 Month,	17	18	19	20 Wedn.
From the Day of Easter in 5 Weeks,	24	25	26	27 Wedn.
On the Morrow of the Ascension,	29	30	31	1.1 Mond.

Trinity Term begins June 19, ends July 8.

On the Morrow of the Holy Trinity,	June 15	16	17	19 Friday
In eight Days of the Holy Trinity	21	22	23	24 Wedn.
In fifteen Days of the Holy Trinity	28	29	30	1.1 Wedn.
In three Weeks of the Holy Trinity	July 5	6	7	8 Wedn.

Michaelmas Term begins Nov. 6, ends Nov. 28.

On the Morrow of All Souls,	Nov. 3	4	5	6 Friday
On the Morrow of St. Martin,	12	13	14	16 Mond.
In eight Days of St. Martin,	18	19	20	21 Satur.
In fifteea Days of St. Martin,	25	26	27	28 Satur.

*N. B.* No Sittings in *Westminster-hall* on Ascension-day, Midsummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

*Note*, That the first and last Days of every Term, are the first and last Days of Appearance.

## COMMON NOTES for the Year 1778.

Golden Number	12
Cycle of the Sun	23
The Epact	1
Dominical Letter	D
Number of Direction	29
Roman Indiction	11

January hath XXXI Days. Febru. hath XXVIII Days.

First quart. 6 day at 9 morn.  
Full moon 13 day at 2 morn.  
Last quart. 20 day at 1 aftern.  
New Moon 28 day at 3 aftern.

M	Sundays and D Saints Days, &c.	Moon South.	Moon sets.
1	Circumcision	2 A 13	6 A 34
2		3 4	7 46
3		3 53	9 2
D	2 Sun. aft. Christ.	4 41	10 18
5	Old Christm. Day	5 29	11 35
6	Epiphany	6 Y7	Morn.
7		7 7	○ 54
8	Lucian	8 ○ 2	16
9		8 57	3 38
10		9 54	4 59
D	1 Sund.aft.Epiph.	10 55	6 18
12	Old N. Year's Day	Plow Mond.	
13	Camb. Term beg.	Hilary. ☽ rises	
14	Oxf. Term. beg.	oM 55	5 A 53
15		1 50	7 11
16		2 42	8 25
17	Old Twelfth Day	3 29	9 37
D	2 Sund.aft.Epiph.	4 13	10 46
19	Q. Cha. B.D. kept	4 55	11 54
20	Fabian	5 36	Morn.
21	Agnes	6 18	1 1
22		7 1	2 7
23	Term begins	7 45	3 12
24		8 32	4 18
D	3 Sund.aft.Epiph.	Conv. St. Paul	
26		10 12	6 16
27	Pr. Aug. Fred. bor.	11 3	7 11
28		11 57	☽ sets
29		○A 49	5 A 24
30	K. Cha. I. Mart.	1 41	6 40
31		2 30	7 57

First quart. 4 day at 5 at night.  
Full moon 11 day at 3 aftern.  
Last quart. 19 day at 11 morn.  
New moon 27 day at 5 morn.

M	Sundays and D Saints Days, &c.	Moon South.	Moon sets.
D	4 Sund.aft.Epiph.	3 A 18	9 A 16
2	Purif. B.V. Mary	4 6	10 35
3	Blase	4 56	11 54
4		5 47	Morn.
5	Agatha	6 41	1 16
6		7 38	2 36
7		8 37	3 55
D	5 Sund.aft.Epiph.	9 36	5 5
9		10 35	6 3
10		11 32	6 50
			Morn. ☽ rises
11			○ 25
12	Term ends	1 14	7 11
13	Old Candl. Day	2 1	8 24
14	Valentine	2 45	9 32
D	Sexages. Sund.	3 27	10 41
16		4 9	11 49
17		4 52	Morn.
18		5 37	○ 56
19		6 23	2 2
20		7 11	3 6
21	Sexages. Sund.	8 1	4 6
23		8 52	4 58
24	St. Matthias	Pr. Adolph. Fr. 10 39	6 23
25		11 31	6 52
26		○A 22	☽ sets
27		1 14	7 A 1

“ How blest is he, who leads a rural life,  
“ And smiles contented at his humble state ;  
“ Unknown to Envy, Faction, and to Strife,  
“ And feels no torments that attend the Great !

## March hath XXXI Days.

First quart. 5 day at midn.  
Full moon 13 day at 5 morn.  
Last quart. 21 day at 7 morn.  
New moon 28 day at 4 aftern.

M	Sundays and D Saints Days, &c.	Moon South.	Moon sets.
D	Quinquages. Sun.	David	8 A 21
2	Chad	2 A 54	9 43
3	Shrove Tuesday	3 46	11 8
4	Ash Wednesday	4 40	Morn.
5		5 36	0 30
6		6 34	1 49
7	Perpetua	7 34	3 2
D	1 Sunday in Lent	8 31	4 3
9		9 27	4 51
10		10 22	5 30
11	Ember Week	11 11	6 1
12	Gregory	11 58	6 23
13		Morn.	0 rises
14		0 44	7 A 20
D	2 Sunday in Lent	1 27	8 30
16		2 9	9 39
17	St. Patrick	2 52	10 47
18	Edw. K. W. Sax.	3 36	11 54
19		4 22	Morn.
20		5 8	0 50
21	Benedict	5 57	2 2
D	3 Sunday in Lent	6 49	2 57
23		7 40	3 45
24		8 33	4 25
25	Lady Day	9 25	4 57
26		10 17	5 25
27		11 8	5 48
28		11 58	0 sets
D	Midlent Sunday	0 A 51	7 A 31
30		1 44	8 54
31		2 39	11 21

## April hath XXX Days.

First quart. 4 day at 8 morn.  
Full moon 11 day at 8 night.  
Last quart. 20 day at 1 morn.  
New moon 27 day at 1 morn.

M	Sundays and D Saints Days, &c.	Moon South.	Moon sets.
1			3 A 37
2			4 36
3	Richard		5 36
4	St. Ambrose		6 34
D	3 Sunday in Lent		Old Lady Day
6			8 25
7			9 16
8			10 3
9			10 47
10			11 31
11	Oxf. Term ends		Morn.
D	Palm Sunday		0 rises
13			0 12
14			0 54
15			1 38
16			2 24
17	Maundy Thurid.		10 59
18	Good Friday		3 10
D	Easter Day		3 59
20	Easter Monday		0 1
21			4 49
22			4 59
23	St. George		5 2
24			9 3
25	St. Mark		9 53
D	Low Sunday		5 4
27			11 29
28			1 29
D	Oxf. & Cam. T. b.		9 A 26
29			2 30
30			3 32

“ Unvex’d with Troubles, undisturb’d he lives,  
“ Low in the herbag’d, sweet, sequester’d Dale,  
“ And tastes the Joys which calm Contentment gives;  
“ For calm Contentment loves the cottag’d Vale.

## May hath XXXI Days.

First quart. 3 day at 4 aftern.

Full moon 11 day at noon.

Last quart. 19 day at 3 aftern.

New moon 26 day at 9 morn.

M	Sundays and D Saints Days, &c.	Moon South.	Moon sets.
1	St. Phil.	4 A 33	o M 2
2		5 32	1 4
D	2 Sund. aft. Easter	Inv. of the Cros.	
4		7 21	2 23
5		8 8	2 51
6	Term begins	S. John	3 11
7		9 35	3 29
8		10 17	3 45
9		11 0	4 1
D	3 Sund. aft. Easter	11 42	4 18
11		Morn.	) rises
12	Old May Day	o 26	8 A 48
13		1 11	9 57
14		1 59	10 59
15		2 48	11 53
16		3 38	Morn.
D	4 Sund. aft. Easter	4 28	o 34
18		5 18	1 11
19	Q. Charlotte born	Dunst.	1 39
20		6 55	2 3
21		7 44	2 24
22	Prs. Eliz. born	8 33	2 44
23		9 23	3 3
D	Rogation Sunday	10 15	3 22
25		11 11	3 45
26	Augustin	o A 10	) sets
27	Ven. Bede	1 13	9 A 46
28	Holy Thursday	2 16	10 52
29	K. Cha. II. Rest.	3 19	11 45
30		4 18	Morn.
D	6 Sund. aft. East	5 13	o 25

## June hath XXX Days.

First quart. 2 day at 3 morn.

Full moon 10 day at 4 morn.

Last quart. 17 day at midn.

New moon 24 day at 4 aftern.

M	Sundays and D Saints Days, &c.	Moon South.	Moon sets.
1	Term ends		Nicomede
2		6 50	1 M 17
3		7 33	1 35
4	K. Geo. III. born	Oxf. T. ends	Boniface
5	Pt. Er. Aug. born		
6		9 39	2 23
D	Whit-Sunday	10 23	2 39
8	Whit-Monday	11 7	3 1
9	Whit-Tuesday	11 53	3 24
D	Ember Week	Prs. Amelia be.	
11	St. Barnabas	o M 41	) rises
12		1 31	10 A 30
13		2 21	11 9
D	Trinity Sunday	3 12	11 41
15		4 1	Morn.
16		4 48	o 5
D	Oxf. Term begins		
18	Corpus Christi.	6 21	o 45
19	Term begins	7 6	1 3
20	Tr. Ed. K. W. Sax.	7 58	1 52
21			Longest Day
22	1 Sun. aft. Trin.	2 47	2 6
23		10 45	2 38
D	St. John Baptist	11 50	) sets
25		o A 54	9 A 28
26		1 57	10 14
27		2 56	10 49
D	2 Sun. aft. Trin.	3 49	11 13
29	St. Peter	4 38	11 36
30		5 22	11 54

" Him peaceful Silence lulls to quiet Rest,

" And blessings crown his ever-still Retreat ;

" Whose lonely Cottage is with Comfort blest,

" While Heav'n makes all his rural Joys complete.

## July hath XXXI Days.

First quart. 1 day at 3 aftern.  
 Full moon 9 day at 7 at night.  
 Last quart. 17 day at 8 morn.  
 New moon 23 day at 11 at night.  
 First quart. 31 day at 6 morn.

M	Sundays and D Saints Days, &c.	Moon South.	Moon sets.		M	Sundays and D Saints Days, &c.	Moon South.	Moon sets.
1		6 A 7	Morn.		1	Lammas Day	6 A 5	11 A 23
2	Visit. B. V. Mary	6 49	o 9	D 7 Sund. aft. Trin.	7 37	11 49		
3	Dog Days begin	7 31	o 25	8 25	Morn.			
4		8 14	o 42	9 14	o 22			
D 3 Sund. aft. Trin.	Old Mif. Day			10 4	1 3			
6		9 43	1 23	6 Transfiguration	10 56	1 52		
7	Camb. Commenc.	Tho. à Becket		7 Name of Jesus	11 47	2 53		
8	Term ends	1 22	2 25	8	Morn.	D sets		
9		Morn.	D rises	D 8 Sund. aft. Trin.	o 37	8 A 31		
10	Camb. Term ends	o 13	9 A 5	10 St. Laurence	1 25	8 53		
11	Oxford AG.	1 2	9 37	11 Prs. Brunsw. bo.	Dog Days end			
D 4 Sund. aft. Trin.		1 52	10 4	12 Pr. of Wales bo.	Old Lamm. Day			
13		2 40	10 26	3	3 46	9 48		
14		3 27	10 46	4 14	4 35	10 8		
15	Swithin	4 14	11 4	15 Assumpt. B.V.M.	5 26	10 34		
16		5 o	11 22	D 9 Sund. aft. Trin.	Pr. Fred. bo			
17		5 47	11 42	17	7 18	11 48		
18	Oxf. Term ends	6 37	Morn.	18	8 19	Morn.		
D 5 Sund. aft. Trin.		7 30	o 4	19	9 21	o 45		
20	Margaret	8 27	o 37	20	10 22	1 53		
21		9 28	1 8	21 Pr. Will. Hen. bo	11 21	3 11		
22	St. Mary Magdal.	10 30	1 57	22 o A 16	D sets			
23		11 34	D sets	D 10 Sun. aft. Trin.	1 6	8 A 6		
24		o A 35	8 A 40	24 St. Bartholomew	1 53	8 18		
25	St. James	1 32	9 11	25	2 38	8 35		
D 6 Sund. aft. Trin.	St. Anne	36						
26		26						
27		3 14	9 55	27	3 21	8 5		
28		3 58	10 11	28 St. Augustine	4 5	9 1		
29		4 42	10 27	29 St. J. Bapt. behead.	4 51	9 30		
30		5 25	10 44	D 11 Sun. aft. Trin.	5 36	9 53		
31		6 7	11 2	21	6 23	10 24		
		31		7 12	11 1	1		

" Who thankful takes his Food from Nature's Hand,

" And labours chearful all the live-long Day ;

" Who cultivates with Joy the fertile Land,

" That makes Return his Labour to repay,

September hath XXX Days.

Full moon 6 day at 9 night.  
Last quart. 13 day at 7 night.  
New moon 20 day at 7 night.  
First quart. 28 day at 7 night.

M  
D  
Sundays and  
Saints Days, &c.

Moon  
South.  
sets.

1	Giles	8 A 2	11 A 47
2	London burnt, 1666, O.S.	8 54	Morn.
3		9 45	○ 45
4		10 36	1 51
5		11 25	3 ○

D

10 Sun. aft. Trin.

Morn. ○ rises

6	Nativ. B. V. M.	○ 14	7 A 24
7		1 3	7 42
8		1 51	8 ○
9		2 39	8 21

D 13 Sun. aft. Trin.

Holy Cross Day

3 31 8 44

4 25 9 15

5 22 9 52

6 20 10 44

7 21 11 47

8 22 Morn

9 20 1 2

10 13 2 21

11 5 3 41

D 14 Sun. aft. Trin.

11 54 ○ sets

St. Matthew

K. Geo. III crown

2 8 7 22

2 53 7 42

3 38 8 5

4 25 8 31

D 15 Sun. aft. Trin.

5 13 9 5

6 3 9 48

St. Michael & St. Ch. Aug. bo.

7 44 11 42

Pr. Ch. Aug. bo.

8 8 8 Morn.

9 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

26 K. Geo. III procl.

27 Crispin

5 42 9 32

6 31 10 36

7 20 11 47

8 8 8 Morn.

9 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

27 St. Simon & Jude

6 31 10 36

7 20 11 47

8 8 8 Morn.

9 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

28 St. Simon & Jude

6 31 10 36

7 20 11 47

8 8 8 Morn.

9 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

29 St. Simon & Jude

6 31 10 36

7 20 11 47

8 8 8 Morn.

9 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

30 St. Jerome

7 44 11 42

8 30 11 42

9 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

31 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

32 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

33 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

34 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

35 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

36 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

37 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

38 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

39 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

40 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

41 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

K. Geo. III Aco.

42 St. Jerome

8 55 1 1

10 Sun. aft. Trin.

K. Geo. III Aco.

11 27 5 22

○ A 11 ○ sets

○ 55 5 A 52

1 39 6 12

2 25 6 37

3 13 7 .8

D 19 Sun. aft. Trin.

## July hath XXXI Days.

First quart. 1 day at 3 aftern.  
 Full moon 9 day at 7 at night.  
 Last quart. 17 day at 8 morn.  
 New moon 23 day at 11 at night.  
 First quart. 31 day at 6 morn.

M	Sundays and D Saints Days, &c.	Moon South.	Moon sets.	M	Sundays and D Saints Days, &c.	Moon South.	Moon sets.
1		6 A 7	Morn.	1	Lammas Day	6 A 5	1 A 23
2	Visit. B. V. Mary	6 49	0 9	2	D 7 Sund. aft. Trin.	7 37	1 49
3	Dog Days begin	7 31	0 25	3		8 25	Morn.
4		8 14	0 42	4		9 14	0 22
	D 3 Sund. aft. Trin.	Old Miſf. Day		5		10 4	1 3
6		9 43	1 23	6	Transfiguration	10 56	1 52
7	Camb. Commenc.	Tho. a Becker		7	Name of Jesus	11 47	2 53
8	Term ends	1 22	2 25	8		Morn.	D sets
9		Morn.	D rises	9	D 8 Sund. aft. Trin.	0 37	8 A 31
10	Camb. Term ends	0 13	9 A 5	10	St. Laurence	1 25	8 53
11	Oxford Ag.	1 2	9 37	11	Prs. Brifsw. bo.		Dog Days end
	D 4 Sund. aft. Trin.	1 52	10 4	12	Pr. of Wales bo.		Old Lamm. Day
13		2 40	10 26			3 46	9 48
14		3 27	10 46	14		4 35	10 8
15	Swithin	4 14	11 4	15	Aſſumpt. B.V.M.	5 26	10 24
16		5 0	11 22		D 9 Sund. aft. Trin.		Fr. Fred. bo.
17		5 47	11 42	17		7 18	11 48
18	Oxf. Term ends	6 37	Morn.	18		8 19	Morn.
	D 7 Sund. aft. Trin.	7 30	0 4	19		9 21	0 45
20	Margaret	8 27	0 31	20		10 22	1 53
21		9 28	1 8	21	Pr. Will. Hen. bo	11 21	3 11
22	St. Mary Magdal.	10 30	1 57	22		0 A 16	D sets
23		11 34	D sets		D 10 Sun. aft. Trin.	1 6	8 A 0
24		0 A 35	8 A 40	24	St. Bartholomew	1 53	8 18
25	St. James	1 32	9 11	25		2 38	8 35
	D 6 Sund. aft. Trin.	St. Anne	36			3 21	8 5
27		3 14	9 55	26		4 5	9 1
28		3 58	10 11	27	St. Augustine	4 51	9 30
29		4 42	10 27	28	St. J. Bapt. behead.	5 36	9 53
30		5 25	10 44	29	D 11 Sun. aft. Trin.	6 23	10 24
31		6 7	11 2	30		7 12	11 1

“ Who thankful takes his Food from Nature’s Hand,  
 “ And labours cheerful all the live-long Day ;  
 “ Who cultivates with Joy the fertile Land,  
 “ That makes Return his Labour to repay,

September hath XXX Days,

Full moon 6 day at 9 night.  
Last quart. 13 day at 7 night.  
New moon 20 day at 7 night.  
First quart. 28 day at 7 night.

M D	Sundays and Saints Days, &c.	Moon South.	Moon sets.
1	Giles	8 A 2	11 A 47
2	London burnt, 1666, O. S.	8 54	Morn.
3		9 45	0 45
4		10 36	1 51
5		11 25	3 0
D	12 Sun. aft. Trin.	Morn.	D rises
7		0 14	7 A 24
8	Nativ. B. V. M.	1 3	7 42
9		1 51	8 0
10		2 39	8 21
D	13 Sun. aft. Trin.	3 31	8 44
14	Holy Cross Day	4 25	9 15
15		5 22	9 52
16	Ember Week	6 20	10 44
17	Lambert	7 21	11 47
18		8 22	Morn
19		9 20	1 2
D	14 Sun. aft. Trin.	10 13	2 21
21	St. Matthew	11 5	3 41
22	K. Geo. III. crown	11 54	D sets
23		0 A 40	6 A 49
24		1 25	7 5
25		2 8	7 22
26		2 53	7 42
27		3 38	8 5
D	15 Sun. aft. Trin.	4 25	8 31
28	St. Cyprian	5 13	9 5
29	St. Michael	6 3	9 48
30	St. Jerome	7 44	11 42

October hath XXXI Days.

Full moon 6 day at 8 morn.  
Last quart. 13 day at 2 morn.  
New moon 20 day at 10 morn.  
First quart. 28 day at 2 aftern.

M D	Sundays and Saints Days, &c.	Moon South.	Moon sets.
1	Remigius	8 A 35	Morn.
2		9 25	0 51
3		10 14	2 6
D	16 Sun. aft. Trin.	11 2	3 23
5		11 51	4 42
6	Faith	Morn.	D rises
7		0 40	6 A 32
8		1 33	6 56
9	St. Denys	2 27	7 24
10	Oxf. & Cam. T. be.	Old Mich. Day	
D	17 Sun. aft. Trin.	4 23	8 47
12		5 24	9 47
13	Tr. K. Edw. Conf.	6 25	10 58
14		7 23	Morn.
15		8 17	0 14
16	Etheldred	9 8	1 33
17		9 58	2 51
D	18 Sun. aft. Trin.	St. Luke	
19		11 27	5 22
20		0 A 11	D sets
21		0 55	5 A 52
22		1 39	6 12
23		2 25	6 37
24		3 13	.8
D	19 Sun. aft. Trin.	K. Geo. III. Acc.	
26	K. Geo. III. procl.	Crispin	8 35
27		5 42	9 32
28	St. Simon & Jude	6 31	10 36
29		7 20	11 47
30		8 8	Morn.
31		8 55	1 1

" With how much Pleasure he surveys his flocks !

" How joys to call the lowing Herds his own !

" With how much Caution does he shun the Rocks,

" Where Monster Vice exerts her Ebon Throne !

## November XXX Days.

Full moon 4 day at 7 night.  
Last quart. 11 day at 10 morn.  
New moon 19 day at 3 morn.  
First quart. 27 day at 8 morn.

**M** Sundays and  
**D** Saints Days, &c.

Moon South. Moon sets.

**D** 20 Sun. aft. Trin.  
2 Pr. Edward born  
3  
4  
5 Papists Conspir.

All Saints  
All Souls 3 37  
11 22 4 59  
Morn. D rises  
0 16 5 A 25

6 Term begins  
7 D. Cumberl. born  
**D** 21 Sun. aft. Trin.  
9 Lord Mayor's Day  
10

Leon. 5 57  
2 14 6 41  
Prs Soph. Au. bo  
At Lond. 8 49  
5 19 10 5

11 Martinmas  
12  
13 Britius  
14  
**D** 22 Sun. aft. Trin.

6 16 11 24  
7 8 Morn.  
7 57 0 42  
8 43 1 58  
Machutus

15  
**H** Hugh Bp. Lincoln  
18  
19  
20 Edm. K. & M.

10 8 4 22  
10 52 5 34  
11 36 6 43  
0 A 19 D sets  
1 6 5 A 6

21  
**D** 23 Sun. aft. Trin.  
23 St. Clement  
24  
25 D. Glouc. born

1 54 5 41  
Old Mart. Day  
3 34 7 19  
4 22 8 21  
5 10 9 27

26  
27  
28 Term ends  
**D** Advent Sunday  
30 St. Andrew

5 55 10 38  
6 43 11 51  
7 29 Morn.  
8 14 1 6  
9 2 2 24

## December XXXI Days.

Full moon 4 day at 5 morn.  
Last quart. 10 day at 10 night.  
New moon 18 day at 10 night.  
First quart. 26 day at 11 night.

**M** Sundays and  
**D** Saints Days, &c.

Moon South. Moon sets.

1  
2  
3  
4  
5

9 A 52 3 M 46

10 48 5 10  
11 46 6 37  
Morn. D rises  
0 50 5 A 13

**D** 2 Sund. in Advent  
7  
8 Conc. B. V. M.  
9  
10

Nicholas

2 58 7 36  
3 59 8 59  
4 55 10 20  
5 45 11 37

6 32 Morn.  
7 17 0 52  
Lucy 2 5

8 41 3 14  
9 24 4 22

**D** 3 Sund. in Advent

16 Ember Week

17 Oxf. Term ends

10 54 6 39

11 41 D sets

0 A 29 4 A 12

1 19 5 1

**D** 4 Sund. in Advent

St. Thomas

Shortest Day

2 55 7 6

3 41 8 13

4 27 9 24

5 12 10 37

**D** 25 Christmas Day

St. Stephen

5 55 11 51

**D** 26 St. Sun. aft. Christ

St. John Evang.

7 28 1 M 8

28 Holy Innocents

8 18 2 27

29 Silvester

9 12 3 50

10 12 5 16

“ High tow'ring Elms surround his lonely Seat ;

“ And well defend it from tempestuous Wind ;

“ Salubrious Herbs give Relish to his Meat,

“ Which leaves the Sweets of Temperance behind.”

Of the FOUR QUARTERS of the YEAR 1778.

THE SPRING QUARTER begins on the 20th Day of March, at 10 Minutes past Noon.

The SUMMER QUARTER begins June the 21st, 26 Minutes past 10 in the Morning.

The AUTUMNAL QUARTER begins September the 22d, 46 Minutes past 11 at Night.

The WINTER QUARTER begins December the 21st, 5 Minutes past 4 in the Afternoon.

Of the ECLIPSES this YEAR, 1778.

THIS Year will produce Three Eclipses, two of the Sun, and one of the Moon, which will happen in the following Order :

The first Eclipse will be of the Sun, and will happen on Wednesday the 24th Day of June, in the Afternoon ; it will be visible in our Isle of Great Britain, according to the following Calculation for the Latitude and Meridian of London.

	h.	m.	s.	
Beginning of the Eclipse	3	40	37	June the 24th
Middle	4	35	40	in the
End of the Eclipse	5	26	37	Afternoon.
Duration	1	46	0	
Digits Eclipsed	6°	11'		On the Sun's southern Limb.

. Of

## Of the ECLIPSES this YEAR, 1778.

The second will be a partial Eclipse of the Moon; and will happen on Friday the 4th Day of December, in the Morning; and will be visible in our Island of Great Britain, according to the following Calculation :

	London.	York.	Edinbur.	
	h. m. s.	h. m. s.	h. m. s.	
Begins	4 24 26	4 19 59	4 11 13	Dec. 4th,
Middle	5 37 46	5 33 19	5 24 33	in the
Ends	6 51 6	6 46 39	6 37 53	Morning.
Duration	2 26 40	2 26 40	2 26 40	
Digits Eclipsed	6° 12'	6° 12'	6° 12'	On the Moon's northern Limb.

The third and last will be an Eclipse of the Sun, and will happen on Friday the 18th Day of December, near 10 o'Clock at Night: therefore invisible to all the Inhabitants of these Parts of the Globe.

A TABLE

A TABLE of the KINGS and QUEENS of England  
since the Conquest.

Kings and Queens.	Born A.D.	Began their Reign.	Reigned Y. M. D.	Age.	Rem. Deaths and Dethron.	Where buried.
Will. Conq.	1027	1066 Oct. 14	20 10 26	60	Burst by leap.	Caen, Norm
Will. Rufus	1057	1087 Sept. 9	12 10 24	43	Slain accidentally.	Winchester
Henry I	1058	1100 Aug. 2	35 3 30	77		Reading
Stephen	1105	1135 Dec. 1	18 10 24	49		Feverham
Henry II	1134	1154 Oct. 25	34 8 12	55		Fontevedraud
Richard I	1156	1189 July 6	9 9 c	43		Fontevedraud
John	1166	1199 April 6	17 6 1	50		Worcester
Henry III	1207	1216 Oct. 19	56 0 28	65		Westminster
Edward I	1239	1272 Nov. 16	34 7 21	67		Westminster
Edward II	1284	1307 July 7	19 6 18	43		Gloucester
Edward III	1312	1327 Jan. 25	50 4 27	65		Westminster
Richard II	1366	1377 June 21	22 3 8	33	Dep. & Mur.	Westminster
Henry IV	1367	1399 Sept. 29	13 5 20	46		Canterbury
Henry V	1389	1413 Mar. 20	9 5 11	33		Westminster
Henry VI	1421	1422 Aug. 31	38 6 4	49	Dep. & Mur.	Windsor
Edward IV	1442	1461 Mar. 4	22 1 2	41		Windsor
Edward V	1471	1483 April 9	0 2 13	12	Murdered	Not known
Richard III	1443	1483 June 22	2 2 c	42	Slain in Batt.	Leicester
Henry VII	1457	1485 Aug. 22	23 8 c	52		Westminster
Henry VIII	1492	1509 April 22	37 9 6	55		Windsor
Edward VI	1537	1547 Jan. 28	6 5 8	15		Westminster
Mary I	1516	1553 July 6	5 4 11	42	Died of Grief	Westminster
Elizabeth	1533	1558 Nov. 17	44 4 7	69		Westminster
James I	1566	1603 Mar. 24	22 0 3	58		Westminster
Charles I	1600	1625 Mar. 27	23 10 3	48	Murdered by Villains.	Windsor
Charles II	1630	1649 Jan. 30	36 0 7	54		Westminster
James II	1633	1685 Feb. 6	4 0 7	67	Abdicated.	St. Germain
Mary II	1662	1689 Feb. 13	5 10 15	32		Westminster
William III	1650	1689 Feb. 13	13 0 23	52	Killed by a Fall from his Horse.	Westminster
Anne	1665	1702 Mar. 8	12 4 24	49		Westminster
George I	1660	1714 Aug. 1	12 10 16	67		Hanover
George II	1683	1727 June 11	33 4 13	77		Westminster
George III	1738	1760 Oct. 25	Whom God preserve.			

The Presidents of the several Hospitals of LONDON.

Robert Alsop, Esq;	President of	Christ Church Hospital.
Hon. Thomas Harley,		St. Bartholomew's Hosp.
Sir Walter Rawlinson, Kt		Bethlem and Bridewell.
Samuel Plumb, Esq;		St. Thomas's Hospital.

A brief

<i>A brief Chronology of memorable Things to the present Year 1778.</i>	
<b>S</b> INCE the vast Fabrick of the World was founded	5828
Since Noah's Flood by which the World was drowned	4170
Since Fire and Brimstone Sodom did destroy	3070
Since the Destruction of renowned Troy	2960
Since ancient London was by Lud erected	2885
Since York's first Plat and Building was effected	2767
Since Canterbury's Basis first was laid	2670
Since Rome's first Wings o'er seven Hills were spread	2530
Since Jesus Christ at Bethlehem was born	1778
Since crucify'd with Cruelty and Scorn	1745
Since England first the Christian Faith receiv'd	1698
Since London's Tower was built (as 'tis believ'd)	1213
Since England's Conqueror this Nation won	712
Since to be built Westminster Hall begun	688
Since London-bridge was finished with Stones	569
Since the Invention of destructive Guns	403
Since the first Use of Printing was inspired	319
Since St. Paul's Steeple was by Lightning fired	217
Since that vile Project Guido Vaux's Plot	217
Since th' Irish Massacre, not yet forgot	172
Since noble Stratford on the Scaffold fell	137
Since Edge-Hill Fight, whereof loud Fame doth tell	136
Since 'heapside Cross was by the Saints pull'd down	135
Since Moses' Tables were of mean Renown	135
Since Newbury Fight with Crimson dy'd the Field	135
Since pious Laud to Martyrdom did yield	134
Since good King Charles resign'd his Royal Head	129
Since Virtue, Truth, and Justice all lay dead	129
Since George Fox first began the Quakers Sect	128
Since Nol usurp'd the Power to protect	124
Since Death and Vengeance did for Cromwell call	120
Since Dick his Son did from his Greatness fall	119
Since Charles the Second to Whiteball return'd	118
Since good Men for't rejoic'd, and Rebels mourn'd	118
Since Rebels were at Charing Cross dissected	118
Since London was with the great Plague infected	113
Since London's dreadful Fire in September	112
Since the great blazing Comet in December	111
Since the vile Plot at Rye House was detected	95
Since Booths and Stalls were on the Thames erected	94
Since the fam'd Oate for Perjury was stripp'd	
Of's Priestly Habit, and through London whipp'd	{ 93
Since James the Second did the Throne ascend	92
Since he to Monmouth's Treason put an End	92
Since	

*A brief Chronology of memorable Things.*

Since the Seven Bishops to the Tower were sent	90
Since the Lord Jefferies thither also went	90
Since the Prince of Orange landed at Torbay	90
Since late King James to France did make his Way	90
Since William and Mary at Westminster were crown'd	89
Since War with France the Trumpet loud did sound	89
Since such vast Numbers at the Boyne were slain	88
Since French and Irish Gore did Aghrim stain	87
Since Mary our Queen pale Death did surround	84
Since he gave Gloc'ster's Duke a mortal Wound	78
Since Great Queeu Anne unto the Throne ascended	76
Since War proclaimed with France which now is ended	76
Since the late high Wind in the Month November	75
Since Blenheim Fight, which well the French remember	74
Since EMES the Prophet was in his Grave interr'd	71
Since his sham Resurrection plain appear'd	70
Since the Two Kingdoms did in One unite	70
Since fatal Death depriv'd Prince George of Sight	70
Since that fam'd Priest Sacheverel was try'd	68
Since that great Surgeon Serjeant Barnard dy'd	68
Since Ormond's Duke our General became	66
Since France gave Dunkirk to Anne our Royal Dame	66
Since Hamilton's Duke in Duel lost his Life	66
Since ANNA's Death renew'd our factious Strife	64
Since Perkin did the Scottish Realm accost	63
Since Traitors Hopes in Preston Fight were lost	63
Since haughty Spain Gibraltar did blockade	51
Since at Seville a sham peace was made	49
Since Spain revok'd the Peace of Seville	47
Since Germans, Dutch, and Britons did agree	47
Since Spain in the Vienna Treaty join'd	47
Since our broad Gold was into Guineas coin'd	45
Since we with Spain an open War proclaim'd	39
Since Porto Bell' was taken and unfram'd	39
Since the great Frost that starv'd both Beast and Men	39
Since British Valour shone at Dettingen	35
Since Perkin junior this our Realm annoy'd	33
Since brave Duke William this rash Scheme destroy'd	32
Since Peace proclaimed with France and haughty Spain	29
Since Trade reviv'd and flourished again	29
Since GEORGE the Second's glorious Reign was ended	18
Since GEORGE the Third the British Throne ascended	18
Since GEORGE the Third made bloody Wars to cease } All o'er the Globe, and made a glorious PEACE. } 15	15

# A TABLE of the LORD MAYORS and SHERIFFS of London, from the Revolution to the Year 1778.

1688	SIR John Shorter	Sir Basil Firebrass, Sir John Parsons
1688	Sir John Eyles	No Freeman of London
1689	Sir John Chapman	Sir Humphry Edwin, Sir John Fleet
1690	Sir T. Pilkington	Thrift. Letbulier, Esq; Sir John Houblon
1691	Sir T. Pilkington	Sir Edward Clark, Sir Francis Child
1692	Sir Thomas Stamp	William Alhurst, Richard Levet, Esqrs.
1693	Sir John Fleet	Sir Thomas Lane, Sir Thomas Cook
1694	Sir William Alhurst	Sir Thomas Abney, Sir William Hedges
1695	Sir Thomas Lane	Sir John Sweetapple, Sir William Cole
1696	Sir John Houblon	Sir Edward Wills, Sir Owen Buckingham
1697	Sir Edward Clark	Sir John Wolf, Samuel Blewit, Esq.
1698	Sir Humphry Edwin	Sir Barth. Gracedieu, James Collet, Esq.
1699	Sir Francis Child	Sir William Gore, Sir Joseph Smart
1700	Sir Richard Levet	Sir Charles Duncomb, Sir Jeffery Jeffries
1701	Sir Thomas Abney	Sir Robert Beachcroft, Sir Henry Furness
1702	Sir William Gote	Sir W. Withers, Sir P. Foyer, Sir J. Bateman
1703	Sir Samuel Dashwood	Sir Robert Bedingfield, Sir Samuel Garrard
1704	Sir John Parsons	Sir Gilbert Heathcote, Sir Joseph Wolfe
1705	Sir O. Buckingham	Sir John Buckworth, Sir W. Humphrys
1706	Sir T. Rawlinson	Sir Charles Thorold, Sir Samuel Stanier
1707	Sir R. Bedingfield	Sir William Benson, Sir Ambrose Crawley
1708	Sir Will. Withers	Sir Benjamin Green, Sir Charles Peers
1709	Sir Cha. Duncombe	Charles Hopson, Esq; Sir Richard Guy
1710	Sir Samuel Garrard	Sir Richard Hoare, Robert Dunck, Esq.
1711	Sir Gilbert Heathcote	Sir George Thorold, Francis Eyles, Esq.
1712	Sir Robert Beachcroft	Sir John Caff, Sir William Stewart
1713	Sir Richard Hoare	Sir William Lewen, Sir Samuel Clarke
1714	Sir Samuel Stanier	Sir Francis Forbes, Sir Joseph Sharp
1715	Sir William Humphrys	Sir Robert Breder, Sir Randolph Knipe
1716	Sir Charles Peers	Sir John Ward, Sir John Fryer
1717	Sir James Bateman	Sir Gerrard Conyers, Charles Cook, Esq.
1718	Sir William Lewen	Sir Peter Delme, Sir Harcourt Masters
1719	Sir John Ward	Sir John Bull, Thomas Ambrose, Esq.
1720	Sir George Thorold	Sir John Eyles, Bart. Sir John Task
1721	Sir John Fryer	Sir George Castwell, William Billers, Esq.
1722	Sir William Stewart	Sir George Mertins, Edward Becher, Esq.
1723	Sir Ger. Conyers	Humphry Parsons, Francis Child, Esqrs.
1724	Sir Peter Delme	Sir R. Hopkins, F. Feast, F. Bellamy, Esqrs.
1725	Sir George Mertins	Sir Joseph Eyles, Robert Baylis, Esq.
1726	Sir Francis Forbes	F. Porteen, J. Murden, J. Thompson, Esqrs.
1727	Sir John Eyles, Bt.	Sir John Lock, Sir William Ogborn
1728	Sir Edward Becher	Sir John Grosvenor, Sir Thomas Lombe
1729	Sir Robert Baylis	Richard Brocas, Richard Levet, Esqrs.
1730	Sir Richard Brocas	J. Barber, Esq; Sir John Williams
1731	Humph. Parsons, Esq	John Fuller, Esq; Sir Isaac Shard
1732	Sir Francis Child	Samuel Russel, Thomas Pindar, Esqrs.
1733	John Barber, Esq.	Sir Henry Hanky, Robert Alstop, Esq.
1734	Sir William Billers	Robert Wesley, Daniel Lambert, Esqrs.

# A List of Lord Mayors and Sheriffs, &c.

1735	Sir Edward Bellamy	Micajah Perry, Esq. Sir John Salter
1736	Sir John Williams	Sir John Barnard, Sir John Godschall
1737	Sir John Thompson	Sir William Rous, Benjamin Rawlin, Esq.
1738	Sir John Barnard	Sir G. Champion, T. Russel, Esq; Sir R. Cater
1739	Micajah Perry, Esq;	James Brook, William Westbrook, Esq.
1740	Sir John Salter	George Heathcote, Esq. Sir J. Le Quesne
1741	Humph. Parsons, Esq.	Henry Marjball, Richard Hoare, Esqrs.
1741	Sir Daniel Lambert	
1742	Sir Robert Godschall	Robert Willimot, William Smith, Esqrs.
1742	Geo. Heathcote, Esq;	William Benn, Charles Egerton, Esqrs.
1743	Sir Robert Willimot	Robert Ladbroke, William Calvert, Esqrs.
1744	Sir Robert Westley	Walter Barnard, Samuel Pennant, Esqrs.
1745	Sir Henry Marshall	John Blachford, Francis Cockayne, Esqrs.
1746	Sir Richard Hoare	Thomas Winterbottom, Robert Alsop, Esqrs.
1747	William Benn, Esq;	Crisp Gascoyne, Edward Davis, Esqrs.
1748	Sir Robert Ladbroke	Thomas Rawlinson, Edward Ironside, Esqrs.
1749	Sir William Calvert	William Whitaker, Stephen Theodore Janßen,
1750	Sir Samuel Pennant	Esqrs.
1750	John Blachford, Esq;	William Alexander, Robert Scott, Esqrs.
1751	Francis Cockayne, Esq;	Slingsby Bethell, Marshe Dickenson, Esqrs.
1752	T Winterbottom, Esq	Sir Charles Asgill, Sir Richard Glynn
1752	Robert Alsop, Esq;	Thomas Chitty, Matthew Blakiston, Esqrs.
1753	Sir Crisp Gascoyne	Sir Samuel Fluyder, Sir John Torriano
1754	Edw. Ironside, Esq;	William Beckford, Iye Whittbread, Esqrs.
1754	T. Rawlinson, Esq;	William Bridgen, William Stephenson, Esqrs.
1755	Step. The. Janßen, Esq;	George Nelson, Francis Gosling, Esqrs.
1756	Slingsby Bethell, Esq;	George Dandridge, Alexander Masters, Esqrs.
1757	Marshe Dickenson, Esq;	George Errington, Paul Vaillant, Esqrs.
1758	Sir Charles Asgill	Sir Robert Kite, Sir William Hart
1759	Sir Richard Glynn	Sir Nathaniel Nash, Sir John Cartwright
1760	Sir Thomas Chitty	Sir Thomas Chaloner, Sir Henry Banks
1761	Sir Matthew Blakiston	Hon. Thomas Harley, Richard Blunt, Esq.
1762	Sir Sam. Fludyer, Bart.	Brass Crosby, Esq; Sir Thomas Harris
1763	William Beckford, Esq;	B. Knott, B. Charlwood, R. Tickorick, Esqrs
1764	William Bridgen, Esq;	Sir Robert Darling, Sir James Esdale
1765	Sir William Stephenson	Richard Peers, William Nass, Esqrs.
1766	George Nelson, Esq;	Thomas Halifax, John Shakespeare, Esqrs.
1767	Sir Robert Kite	James Townsend, John Sawbridge, Esqrs.
1768	Hon. Thomas Harley	William Baker, Joseph Martin, Esqrs.
1769	Samuel Turner, Esq;	John Wilkes, Frederick Bull, Esqrs.
1770	Wm. Beckford, Esq;	Richard Oliver, Esq. Sir Watkin Lewis
1770	Bar. Trecothick, Esq;	Stephen Sayre, William Lee, Esqrs.
1771	Brass Crosby, Esq;	William Plomer, John Hart, Esqrs.
1772	William Nash, Esq;	George Hayley, Nathaniel Newnham, Esqrs.
1773	James Townsend, Esq;	Samuel Plumbe, Nathaniel Thomas, Esqrs.
1774	Frederick Bull, Esq;	Robert Peckham, Richard Clarke, Esqrs.
1775	John Wilkes, Esq;	
1776	John Sawbridge, Esq;	
1777	Sir Thomas Halifax	
1778	Sir James Esdale	

A CATALOGUE of the Most Reverend, Right Reverend  
and Reverend, the Archbishops, Bishops and Deans,  
exercising Ecclesiastical Jurisdiction in England, 1778.

<i>Archbishops.</i>	<i>Deans Names.</i>	<i>Sees Names.</i>
H. Dr. Fr. Cornwallis	H. J. Cornwallis, LL.D	Canterbury
H. Dr. W. Markham	Dr. John Fountayne	York
<i>Bishops.</i>		
Dr. Robert Lowth	Dr. Thomas Newton	London
Hon. Dr. John Egerton	Hon. Wm. Digby	Durham
Dr. John Thomas	Dr. Newton Ogle	Winchester
Lord James Beauclerk	Dr. Nat. Wetherell	Hereford
Dr. Edmund Keene	Dr. Hugh Thomas	Ely
Sir Wm. Ashburnham	Dr. Charles Harward	Chichester
Dr. John Hume	Dr. Thomas Green	Salisbury
Dr. Philip Yonge	Dr. Philip Lloyd	Norwich
Dr. Wm. Warburton	Dr. Josiah Tucker	Gloucester
Dr. John Green	Hon. Dr. James Yorke	Lincoln
Dr. Thomas Newton	Dr. Cutts Barton	Bristol
Hon. Dr. Fred. Keppel	Dr. Jeremiah Mills	Exeter
Dr. Charles Moss	Lord Fran. Seymour	Bath and Wells
Dr. Jonathan Shipley	Mr. Shipley	St. Asaph
Dr. Edmund Law	Dr. Thomas Wilson	Carlisle
Hon. Dr. S. Barrington	Dr. Adams	Llandaff
Dr. John Hinchcliffe	Dr. Tarrant, Archdea.	Peterborough
Hon. D. Brownl. North	— Prec.	Worcester
Hon. Dr. James Yorke	Rev Thos. Thurlow	St. David's
Dr. John Thomas	Dr. Preby	Rochester
Dr. Richard Hurd	Dr. Thomas Lloyd	Litchfield and Coventry
Dr. John Moore	Dr. William Smith	Bangor
Dr. Porteus	Dr. Bagot	Chester
Dr. Butler	Dr. John Thomas	Oxford
Dr. Rich. Richmond	Dr. Frederick Keppel	Westminster
		Sodor and Man
		Windsor

The Names of the Learned Judges in the Law.

I. The Rt. Hon. Hen. Earl Bathurst, Lord High Chancellor of Gr. Britain.  
Right Hon. Sir Thomas Sewell, Knt. Master of the Rolls.

II. In the ⚭ Rt. Hon. W. Earl of Mansfield, L. C. J. Sir Richard Aston, Knt.  
K. Bench. ⚭ Edward Willes, Esq; Sir William Henry Ashurst, Knt.

III. In the ⚭ Rt. Hon. Sir Wm. De Grey, Knt. L. C. J. Sir H. Gould, Knt.  
Co. P eas. ⚭ Sir William Blackstone, Knt. Sir Geo. Nares, Knt.

IV. In the ⚭ Sir S. Stafford Smythe, Knt. L. C. B. Sir James Eyre, Knt.  
Exchequer ⚭ Sir Beaumont Hotham, Knt. Sir Richard Perrin, Knt.

Edw. Thurloe, Esq; Attor. Gen. Alex. Wedderburn, Esq; Solic. Gen.

The Names of the Aldermen of *LONDON*,  
and the Places of their Habitations, with the  
Wards under their Jurisdiction.

*Those marked thus \* have passed the Chair.*

*Rob. Alsop, Esq; Great Malbro'-str.	<i>Bridge Ward without</i>
*William Bridgen, Esq; Forty-hill	<i>Farringdon within</i>
*Rt. Hon. Tho. Harley, Aldersgate-st.	<i>Portjoken Ward</i>
*Brass Crosby, Esq; Surry-street	<i>Bread-street Ward</i>
*James Townshend, Esq; Austin Friars	<i>Bishopsgate Ward</i>
*Fred. Bull, Esq; King-str. Cheapside	<i>Queenhithe Ward</i>
*John Wilkes, Esq; Princes-court	<i>Farringdon without</i>
*J. Sawbridge, Esq; N. Burlington-st	<i>Langbourn Ward</i>
*Sir Thomas Halifax, Birch-in-lane	<i>Aldersgate Ward</i>
John Glynn, Esq; Recorder	<i>Cripplegate Ward</i>
Sir James Esdaile, Bunhill-row	<i>Castle Baynard Ward</i>
Samuel Plumbe, Esq; Foster-lane	<i>Cornhill Ward</i>
Brackley Kennet, Esq; Pall-mall	<i>Cheap Ward</i>
John Kirkman, Esq; College-hill	<i>Billingsgate Ward</i>
Richard Oliver, Esq; Fenchurch-street	<i>Lime-street Ward</i>
Sir Watkin Lewis, Knt. Cecil street	<i>Bassishaw Ward</i>
William Plomer, Esq; at Aldgate	<i>Walbrook Ward</i>
Nathaniel Thomas, Esq; Bridge street	<i>Coleman-street Ward</i>
Robert Peckham, Esq; Austin Friars	<i>Cordwainers Ward</i>
George Hayley, Esq; Great Aylif-str.	<i>Vintry Ward</i>
Nath. Newnham, Esq; Botolph-lane	<i>Aldgate Ward</i>
William Lee, Esq; Great Tower-street	<i>Broad-street Ward</i>
Richard Clarke, Esq;	<i>Bridge Ward within</i>
Thomas Woodridge, Esq;	<i>Dowgate Ward</i>
John Hart, Esq; Thames-street	<i>Candiewick Ward</i>
Thomas Wright, Esq;	<i>Tower Ward</i>
Evan Pugh, Esq. Bishopsgate-street	

Robert Peckham, Esq;      } *Sheriffs.*  
Richard Clarke, Esq;      }

Benjamin Hopkins, Esq; *Chamberlain.*

Thomas Nugent, Esq; *Common Serjeant.*

William Rix, Esq; *Town Clerk.*

Rates for *Hackney Coaches* and *Chairs* in *London*,  
or within ten Miles thereof, by Stat. 9. An. Reg.

	s. d.
For one Day of 12 Hours	10 0
For one Hour	1 6
For every Hour after the first	1 0
From any of the Inns of Court to any Part of St. James's, or City of Westmin. except beyond Tothill-st. } From the Inns of Court, or thereabouts, to the Royal Exc. } From any of the Inns of Court to the Tower, } Aldgate, Bishopsgate-street, or th'reabouts }	1 0 1 0 1 0

And it is also declared that no *Hackney Coachman* shall take for his Hire more than One Shilling for any Distance not exceeding one Mile and an Half, and Eighteen-pence for any greater Distance not exceeding two Miles.

And *Hackney Chairmen*, by the said *Act*, shall not take more than one Shilling for any Distance not exceeding one Mile, and Eighteen-pence for any Distance not exceeding a Mile and an half.

For better knowing the Distances between the most noted Places in the *City* and *Suburbs*, the *Commissioners* have caused the same to be measured, *viz.*

One Shilling Rates for *Hackney Coaches*, for Distances not exceeding one Mile and an Half, *viz.*

From Westminster-hall to Marlborough-street

Westminster-hall to Albemarle-street.

Westminster-hall to Bolton-street

Westminster-hall to Bloomsbury-square

Westminster-hall to Soho-square

Westminster-hall to Little Queen-street, Holborn

St. James's-gate, to Queen Anne's-square, Westminster

St. James's-gate to the nearest Corner of Red-lion-square

Golden-square to Red-lion-square

Haymarket Playhouse to Red-lion-square

Haymarket Playhouse to Thavies-inn

Haymarket Playhouse to Bloomsbury-square

Guildhall to Red-lion-square

Upper End of Fetter-lane, Holborn, to Aldgate

Royal Exchange to Mile-end Turnpike

Royal

## Rates for Hackney Coaches, &c.

Royal Exchange to Hoxton-square  
Newgate to the Middle of Greek-street, near Soho-square  
Bridge-foot, Southw. to Sir W. Walworth's-head, Walworth  
Gray's-inn-gate to Sadler's-wells, by Islington  
Covent-garden to Clerkenwell Church  
Temple-bar to Billingsgate  
Aldgate to Shadwell Church

## Eighteen-pence Rates for Hackney Coaches, for Distances not exceeding two Miles.

Drury-lane Playhouse to Queen's-square, Westminster  
Westminster-hall to St. Paul's Church  
Westminster-hall to Queen's-square, Red-lion-fields  
St. James's-gate to Hatton-garden  
New Exchange in the Strand to the Royal Exchange  
From the Haymarket Playhouse to Hatton-garden  
Westminster-hall to Red-lion-square  
St. James's to Marybone Church  
The Royal Exchange to Bloomsbury-square  
The Royal Exchange to the Watch-house, Mile-end  
The Outside of Aldgate to Stepney Church  
Bedford-street, Covent-garden, to Coleman-street  
Bread-street to Hoxton-square  
Middle of Broad-street to Hart-street, Bloomsbury-market  
St. Martin's-lane, in the Strand, to Gold-street, by Wood-st.  
Middle of Gracechurch-street to Somerset-house  
Guildhall to Brownlow-street, in Drury-lane  
The Royal Exchange to Newington Church, Surry  
Covent-garden to the Royal Exchange  
Stocks-market to Charing-cross  
Aldgate to Ratcliff-cross

## One Shilling Rates for Hackney Chairs, for Distances not exceeding one Mile.

From Westminster-hall to Covent-garden  
Westminster-hall to Exeter Change  
St. James's-gate through the Park to Westminster-hall  
Haymarket Playhouse to the Entrance of Lincoln's-inn-fields  
Haymarket Playhouse to Bolton-street  
St. James's-gate to Somerset-house  
Somerset-house to the Upper End of Hatton-garden

## Rates of Watermen, &c.

*Haymarket Playhouse to Essex-street*

*Haymarket Playhouse to Soho-square*

*The nearest Corner of Golden-square to Drury-lane Playhouse.*

*Note, That Hackney Chairmen are obliged to go the same Distances for 1s 6d which the Coaches perform for 1s.*

*And if any Hackney Coachman or Chairman shall refuse to go at, or exact more for Hire than the Rates hereby limited, he shall, for every such Offence, forfeit 40s.*

*Note, The Mile, according to Statute, Hen. 7, is 8 Furlongs, or 5280 Feet. Then if the step or Pace of a Man, in walking, be 5 Feet, 1056 such Paces will be an exact Mile.*

## Rates of Watermen, as they are set forth by the Lord Mayor and Aldermen of London.

	Oars	Sculs	Rate
<i>From London-bridge to Limehouse, New-crane, Shadwell-dock, Bell-wharf, Ratcliff-cross —</i>	1	0 0	6
<i>To Wapping-dock, Wapping New &amp; Old Stairs, the Hermitage, Rotherhithe Church Stairs —</i>	0	6 0	3
<i>From St. Olave's to Rotherhithe Church Stairs, and Rotherhithe Stairs —</i>	0	6 0	3
<i>From Billingsg. St Olave's, to St Saviour's Mill</i>	0	6 0	3
<i>Any Stairs between London-bridge &amp; Westm.</i>	0	6 0	3
<i>From either Side above London-bridge to Lambeth and Vauxhall —</i>	1	0 0	6
<i>From Whitehall to Lambeth and Vauxhall —</i>	0	6 0	3
<i>From Temple, Dorset, and Black-friars Stairs, or Paul's-wharf, to Lambeth —</i>	0	8 0	4
<i>Over the Water directly between Vauxhall and Limehouse —</i>	0	4 0	2

## The Rates of Oars.

### Down the River.

From London to	Gravesend	—	—	Whole Com. Fare. tany. s. d. s. d.
	Gravesend	—	—	4 6 0 4
	Grays or Greenhithe	—	—	4 0 0 4
	Purfleet or Erith	—	—	3 0 0 3
	Woolwich	—	—	2 6 0 3
	Blackwall	—	—	2 0 0 3
	Greenwich, Deptford	—	—	1 6 0 3

## Rates of Watermen, &c.

### Up the River.

	<i>Whole</i>	<i>Com-</i>
	<i>Fare.</i>	<i>pany.</i>
	<i>s. d.</i>	<i>s. d.</i>
Chelsea, Battersea, Wandsworth	1 6	0 3
Putney, Fulham, Barn-Elms	2 0	4
Hammersmith, Chiswick, Mortlake	2 6	0 6
Brentford, Isleworth, Richmond	2 6	0 6
Twickenham	4 0	9
Kingston	5 0	1 0
Hampton-Court	6 0	1 0
Hampton-Town, Sunbury, and Walton	7 0	1 0
Weybridge, Chertsey	10 0	1 0
Staines	12 0	1 0
Windfor	14 0	1 4

Rates for carrying of Goods in the Tilt-boat between Gravesend and London.

half Firkin	—	—	—	0 1
Whole Firkin	—	—	—	0 2
Hoghead	—	—	—	2 0
One Hundred Weight of Cheese, Iron, or heavy Goods	—	—	—	0 4
Jack of Salt, Corn, a Chest, Trunk, or Hamper	—	—	—	0 6
every single Person in the ordinary Passage	—	—	—	0 6
The Hire of the Whole Tilt-boat	—	—	—	22 6
What Waterman takes and demands more than these Rates, and is liable to pay 40s. and suffer half a Year's Imprisonment.				

Directions for passing and repassing on the Water about London.

Observe, That below Bridge the Water ebbs seven Hours and flows five.

Above Bridge it ebbs eight Hours, and flows four, according to the Watermens' Observation; who, in their Conversation, use these Terms:

If the Water is at lowest, then it is called *Low-water*; rising, then *Young* or *Old Flood*; when it is at highest, and begins to fall, *Ebb Water*.

*High-water* is the Time at *Billingsgate* for all Passengers that are bound for *Gravesend*, *Tilbury*, *Grays*, &c.

If to *Woolwich*, *Blackwall*, *Greenwich*, &c. any Time between one, two, or three Hours after *High-water*.

A TABLE for finding the hourly Motion of the Moon, and  
thereby her true Place at any Time of the Day.

H. d.	11 46	11 56	12 6	12 16	12 26	12 36	12 46	12 56	13 6	13 16	13 26
o. m.											
1	0 29	0 30	0 30	0 30	0 31	0 31	0 32	0 32	0 33	0 33	0 34
2	0 59	1 0	1 0	1 1	1 2	1 3	1 4	1 5	1 5	1 6	1 7
3	1 28	1 30	1 31	1 32	1 33	1 35	1 36	1 37	1 38	1 39	1 41
4	1 58	1 59	2 1	2 3	2 4	2 6	2 8	2 9	2 11	2 13	2 14
5	2 27	2 29	2 31	2 34	2 35	2 37	2 40	2 42	2 44	2 46	2 48
6	2 57	2 59	3 1	3 4	3 6	3 09	3 11	3 14	3 16	3 19	3 21
7	3 26	3 29	3 32	3 35	3 38	3 40	3 43	3 46	3 49	3 52	3 55
8	3 55	3 59	4 2	4 6	4 9	4 12	4 15	4 19	4 22	4 25	4 28
9	4 25	4 28	4 32	4 36	4 40	4 43	4 47	4 51	4 55	4 58	5 2
10	4 54	4 58	5 3	5 7	5 11	5 15	5 19	5 23	5 27	5 32	5 36
11	5 24	5 28	5 33	5 37	5 42	5 46	5 51	5 56	6 0	6 5	6 9
12	5 53	5 58	6 3	6 8	6 13	6 18	6 23	6 28	6 33	6 38	6 43
13	6 22	6 28	6 33	6 39	6 44	6 49	6 55	7 0	7 6	7 11	7 17
14	6 52	6 58	7 3	7 9	7 15	7 21	7 27	7 33	7 38	7 44	7 50
15	7 21	7 28	7 34	7 40	7 46	7 52	7 59	8 0	8 11	8 17	8 24
16	7 51	7 57	8 4	8 11	8 17	8 24	8 31	8 37	8 44	8 51	8 57
17	8 20	8 27	8 34	8 41	8 48	8 55	9 0	9 10	9 17	9 24	9 31
18	8 49	8 57	9 4	9 12	9 19	9 27	9 34	9 42	9 49	9 57	10 4
19	9 19	9 27	9 35	9 43	9 51	9 58	10 0	10 14	10 22	10 30	10 39
20	9 48	9 57	10 5	10 13	10 22	10 30	10 38	10 47	10 55	11 3	11 12
21	10 18	10 27	10 35	10 44	10 53	11 0	11 10	11 19	11 27	11 36	11 45
22	10 47	10 57	11 6	11 15	11 24	11 33	11 42	11 51	12 0	12 10	12 19
23	11 17	11 26	11 36	11 45	11 55	12 4	12 14	12 24	12 33	12 43	12 52
24	11 46	11 56	12 6	12 16	12 26	12 36	12 46	12 56	13 6	13 16	13 26

The Use of this TABLE is to find (by an Ephemeris) the true Place of the Moon at any particular Time of the Day. But first you must know, that all Astronomers begin the Day at Noon, and count 24 Hours to the Day; so that beginning one Day at Noon, the same ends the next Day at Noon; therefore 1 in the Afternoon is the first Hour of the Day, and 13 Hours after Noon is the next Day 1 in the Morning. Now in the following Ephemeris, the Moon's Place in the 3d Column in every Month is exactly calculated to the Meridian of London; and, to know her daily Motion, you must subtract the Place of the Moon one Day, from her Place the following Day, by adding 30 degrees.

A T A B L E for finding the hourly Motion of the Moon,  
and thereby her true Place at any Time of the Day.

	$13^{\circ} 30'$	$13^{\circ} 40'$	$13^{\circ} 50'$	$14^{\circ} 0'$	$14^{\circ} 10'$	$14^{\circ} 20'$	$14^{\circ} 30'$	$14^{\circ} 40'$	$14^{\circ} 50'$	$15^{\circ} 0'$	$15^{\circ} 10'$
	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.
16	13 20										
n.	d. m.										
33	0 34	0 34	0 35	0 35	0 36	0 36	0 36	0 37	0 37	0 38	0 38
6	1 7	1 8	1 9	1 10	1 11	1 12	1 13	1 14	1 15	1 15	1 16
39	1 41	1 42	1 43	1 44	1 46	1 47	1 48	1 49	1 51	1 52	1 53
13	2 14	2 16	2 18	2 21	2 23	2 24	2 26	2 28	2 29	2 31	2 33
46	2 48	2 50	2 52	2 54	2 56	2 58	3 0	3 3	3 5	3 7	3 9
9	3 21	3 24	3 26	3 29	3 31	3 34	3 36	3 39	3 41	3 44	3 46
52	3 55	3 58	4 1	4 4	4 7	4 10	4 12	4 15	4 18	4 22	4 24
25	4 20	4 32	4 35	4 39	4 42	4 46	4 49	4 52	4 55	4 59	5 2
5	5 2	5 40	5 44	5 48	5 52	5 57	6 1	6 5	6 9	6 13	6 17
32	5 39	6 14	6 19	6 23	6 28	6 32	6 37	6 41	6 46	6 51	6 55
5	6 9	6 48	6 53	6 58	7 3	7 8	7 13	7 18	7 23	7 28	7 33
8	6 43	7 22	7 27	7 33	7 38	7 44	7 49	7 54	8 c	8 5	8 11
1	7 17	7 56	8 2	8 8	8 13	8 19	8 25	8 31	8 37	8 43	8 48
44	7 59	8 30	8 36	8 42	8 49	8 55	9 1	9 7	9 14	9 20	9 26
7	8 24	9 4	9 11	9 17	9 24	9 30	9 37	9 44	9 51	9 57	10 4
11	8 37	9 38	9 45	9 52	9 59	10 6	10 13	10 20	10 28	10 35	10 42
4	9 31	10 12	10 19	10 27	10 34	10 42	10 49	10 57	11 4	11 12	11 19
7	10 4	10 46	10 54	11 02	11 10	11 18	11 26	11 34	11 41	11 49	11 57
0	10 33	11 20	11 28	11 37	11 45	11 53	12 2	12 10	12 18	12 27	12 35
3	11 12	11 54	12 3	12 11	12 20	12 29	12 38	12 46	12 55	13 4	13 13
6	11 45	12 28	12 37	12 46	12 55	13 5	13 14	13 23	13 33	13 41	13 50
0	12 10	13 2	13 12	13 21	13 31	13 40	13 50	13 59	14 0	14 18	14 28
3	12 52	13 36	13 46	13 56	14 6	14 16	14 26	14 36	14 46	14 56	15 6
6	13 26										

grees (if Need require it); for so many Degrees hath every Sign, and 60 Minutes are in every Degree; so you have the daily Motion of the Moon: Then look for the same in the Head, or the nearest Number you can find, and under it is the Motion of the Moon, agreeing to that Time.

EXAMPLE. To find the Place of the Moon on the 3d Day of January at 9 at Night: Her Place at Noon is  $\text{X } 7^{\circ} 15'$ , and the next Day in  $20^{\circ} 41'$  of the same Sign; therefore her diurnal Motion is  $13^{\circ} 26'$ ; then I find the nearest Number to this, viz.  $13^{\circ} 26'$ , in the Head of the Table; and against 9 Hours is  $5^{\circ} 2'$ , which being added to  $\text{X } 7^{\circ} 15'$ , her Place at Noon, the Sum will be  $\text{X } 12^{\circ} 17'$ , her Place at 9 o'Clock that Night.

Parker.

January 1778.

## The Planets daily Motion Geocentrick.

M D	⊙	V	J	w	Lat.	h	m	4 R	S	♂	w	♀	4	V	Sun's Declin. South.	Days D.	
1	II	17	11	9	2 S. 50	13	7	26	19	18	43	21	29	23	47	22 50	
2	12	19	24	4	3 46	13	12	26	15	19	20	22	44	25	24	22 54	
3	13	20	7	15	4 31	13	17	26	11	20	17	23	59	27	20	22 48	
4	14	21	20	41	5 2	13	21	26	7	21	4	25	14	28	36	22 42	
5	15	22	4	21	5 16	13	26	26	2	21	51	26	29	0 w	11	22 35	
6	16	23	18	15	5 12	13	31	25	58	22	20	27	44	1	46	22 28	
7	17	25	28	24	4 53	13	35	25	53	23	26	29	0	3	19	22 20	
8	18	26	16	45	4 10	13	40	25	48	24	13	0 V	15	4	50	22 12	
9	19	27	11	16	3 14	13	44	25	43	25	0	1	30	6	20	22 2	
10	20	28	15	52	2 4	13	48	25	38	25	47	2	46	7	47	21 54	
11	21	29	0	28	0 46	13	52	25	32	26	34	4	1	9	12	21 47	
12	22	30	14	59	0 N 34	13	55	25	27	27	21	5	16	10	34	21 35	
13	23	31	29	17	1 51	13	59	25	21	28	8	6	31	11	52	21 25	
14	24	32	13	0	18	3	56	14	32	15	28	55	7	46	13	42	21 14
15	25	33	26	58	3 56	14	7	25	0	29	42	9	1	14	12	21 3	
16	26	35	10	15	4 39	14	10	25	3	0 w	29	10	17	15	15	20 52	
17	27	36	23	10	5 4	14	14	24	57	1	16	11	32	16	11	20 40	
18	28	37	5	=44	5 15	14	18	24	50	2	3	12	47	16	59	20 28	
19	29	38	18	1	5 11	14	21	24	44	2	5	14	2	17	38	20 15	
20	w	39	0	11	3 4	14	24	24	37	3	37	15	17	18	8	20 2	
21	1	40	11	56	4 24	14	27	24	30	4	24	16	33	18	28	19 49	
22	2	41	23	46	3 43	14	31	24	23	5	11	17	48	18	37	19 35	
23	3	42	5	37	2 52	14	34	24	16	5	58	19	3	18 R	35	19 21	
24	4	43	17	34	1 53	14	37	24	9	6	45	20	18	18	25	19 7	
25	5	44	29	40	0 50	14	40	24	2	7	32	21	34	17	56	18 52	
26	6	45	11	V 58	0 S. 18	14	42	23	55	8	10	22	46	17	21	18 37	
27	7	46	24	33	1 26	14	45	23	47	9	6	24	4	16	36	18 21	
28	8	47	7	w 24	2 31	14	48	23	40	9	53	25	20	15	45	18 5	
29	9	48	20	31	3 29	14	50	23	33	10	39	26	35	14	38	17 4	
30	10	49	3	w 55	4 17	14	53	23	25	11	26	27	50	13	29	17 33	
31	11	40	17	20	4 51	14	55	23	19	12	22	20	05	12	17	17 16	



Parker.

February, 1778

## The Planets daily Motions Geocentric.

		1	2N 23	1N 0	oS. 50	oS. 43	3N 38	7 4	32 42
The Planets Latitudes	7	2	25	1 6	0 47	0 55	3 21	6 4	
and Place of J's ♀	13	2	26	1 7	0 43	1 5	2 16	6 2	
to every 6th Day.	19	2	27	1 7	0 39	1 13	1 1	6 6	
	25	2	29	1 8	0 35	1 20	oS. 6	5 4	

M D	○	☽	☽	☿	♀	Lat. ♀	h	m	☿	♃	♄	♂	♀	☽	♀	☽	R	Sun's Declin. South.	
12	50	1	16	5S. 9	14	57	23	10	13	0	0	20	11	2	16	59			
2	13	51	15	12	5	10	14	59	23	3	13	47	1	35	9	49	16	41	
3	14	52	20	14	4	51	15	1	22	55	14	33	2	50	8	40	16	24	
4	15	53	13	8	21	4	15	15	3	22	47	15	20	4	5	7	35	16	6
5	16	53	27	30	3	23	15	5	22	39	16	6	5	20	6	35	15	48	
6	17	54	11	11	40	2	19	15	6	22	31	16	53	6	35	5	41	15	26
7	18	55	25	49	1	7	15	8	22	23	17	39	7	50	4	55	15	10	
8	19	56	9	56	9N	9	15	10	22	15	18	26	9	5	4	16	14	51	
9	20	56	23	57	1	25	15	11	22	7	19	12	10	21	3	45	14	32	
10	21	57	7	30	49	2	34	15	12	21	19	59	11	36	3	23	14	12	
11	22	57	21	31	3	33	15	14	21	51	20	45	12	51	3	9	13	5	
12	23	58	4	11	57	4	20	15	15	21	43	21	32	14	6	3	1	13	31
13	24	59	18	7	4	50	15	16	21	35	22	18	15	21	3D.	1	13	1	
14	25	59	0	58	5	5	15	16	21	27	23	4	16	36	3	8	12	52	
15	27	0	13	31	5	6	15	17	21	19	23	51	17	52	3	21	12	32	
16	28	0	25	48	4	52	15	17	21	12	24	37	19	7	3	40	12	11	
17	29	0	7	51	4	25	15	18	21	4	25	24	20	22	4	5	11	59	
18	ꝝ	1	19	45	3	47	15	18	20	56	26	10	21	37	4	35	11	20	
19	1	1	1	35	3	1	15	19	20	49	26	56	22	52	5	10	11	7	
20	2	2	13	25	2	4	15	20	20	40	27	42	24	7	5	49	10	46	
21	3	2	25	22	1	3	15	20	20	23	28	29	25	22	6	32	10	24	
22	4	2	7	30	oS.	1	15	20	20	23	29	15	26	37	7	19	10	2	
23	5	3	19	53	1	7	15	R	20	20	17	oY	1	27	52	8	9	9	46
24	6	3	2	37	2	11	15	20	20	9	0	47	29	7	9	3	9	15	
25	7	3	15	42	3	10	15	20	20	2	1	33	oꝝ	22	10	0	8	50	
26	8	3	20	9	4	1	15	19	19	55	2	19	1	37	11	c	8	34	
27	9	4	12	56	4	38	15	19	19	48	3	5	2	52	12	3	8	11	
28	10	4	27	0	4	59	15	18	19	41	3	50	4	6	13	7	7	48	

The Heliocentric Motions.

Days	h	m	4	Ω	♂	♀	Θ	Ω	♀	Ω	♀	Ω
1	9	13	21	17	3	43	12	50	13	17	16	17
7	9	24	21	45	7	25	18	55	22	46	15	7
13	9	35	22	13	11	5	24	59	23	15	8	57
19	9	47	22	41	14	44	19	1	11	44	28	14
25	9	58	23	9	18	22	7	3	21	14	17	18

February, 1778.

Day-lig. B. & E.	Sun. Ri. Set.	Clock too fast.
5 30	7 7 26	5 14 7
5 21	7 7 14	5 14 37
5 12	7 7 5 5	5 14 38
5 0	7 6 53	6 14 12
4 50	8 6 41	6 13 22

M H.Wat. Lon.B.

The Lunar Aspects.

D.	Morn.	Aftern.	⊕	☽	☿	♃	♂	♀	♄	♃	♄	♅
1	4 26	4 44	*22							*16		
2	5 2	5 21				△13						
3	5 44	6 7							□ 7	□ 15	□ ⊕	□ ♀
4	6 34	7 1	□ 5	8 3	□ 15	*4						△ ♀ ♂ • ♀ Perig.
5	7 32	8 4							△15	△15		
6	8 41	9 19	△11			*18	□ 10				♂ ♀ ♈	
7	9 57	10 36										
8	11 14	11 52		△ 9		△15						
9	○ 25								8 16			
10	○ 58	1 27		□ 13				8 7			♂ ⊕ 4	
11	1 56	2 21	8 3		♂ 1							
12	2 46	3 3		*19								
13	3 20	3 35					8 8			□ ♀		
14	3 49	4 3							△ 4			
15	4 18	4 35				*15		△10				
16	4 51	5 7	△ 5						□ 16			
17	5 24	5 43		○ 15							8 4 ♀	
18	6 3	6 26	□ 23				□ 2	△14	□ 5			○ Apog.
19	6 50	7 15								*	8	
20	7 41	8 11					△15					
21	8 42	9 16	*17					□ 6	*	○		
22	9 50	10 23										
23	10 55	11 30										
24	○ 4											
25	○ 33	1 2					○ 3	8				
26	1 29	1 55	○ 17							○ 5		
27	2 20	2 44		△ 4								
28	3 3	3 21						○ 12				

Parker.

March, 1778.

The Planets' Daily Motions Geocentric.												186	25						
M.	○	★	□	♀	Lat.	○	12	m	24	R	♂	♀	★	☽	Sun's Declin. South.				
The Planets Latitudes and Place of □'s & to every 6th Day.	7	2	31	1	8	0	28	1	26	1	29	5	15						
	13	2	32	1	7	0	24	1	26	2	0	4	56						
	19	2	33	1	7	0	20	1	24	2	16	4	37						
	25	2	24	1	7	0	16	1	20	2	16	4	18						
1	11	4	11	15	58	2	15	18	19	35	4	36	5	21	14	13	7	2	
2	12	4	25	36	4	46	15	17	19	28	5	22	6	36	15	22	7	3	
3	13	4	98	59	4	13	15	16	19	21	6	8	7	51	16	33	6	4	
4	14	4	24	17	3	23	15	15	19	14	6	53	9	6	17	46	6	17	
5	15	4	8	II 28	2	21	15	14	19	8	7	39	10	31	19	1	5	53	
6	16	4	22	33	1	12	15	13	19	3	8	24	11	35	20	18	5	30	
7	17	4	6	24	0	N 2	15	11	18	55	9	10	12	50	21	36	5	7	
8	18	4	20	10	1	14	15	10	18	49	9	56	14	5	22	56	4	44	
9	19	4	30	46	2	21	15	8	18	43	10	41	15	20	24	18	4	26	
10	20	3	17	13	3	20	15	7	18	37	11	27	16	35	25	41	3	57	
11	21	3	0	29	4	6	15	5	18	32	12	12	17	49	27	5	3	33	
12	22	3	13	34	4	39	15	3	18	26	12	58	19	4	28	31	3	9	
13	23	3	26	26	4	57	15	1	18	21	13	43	20	19	29	58	2	46	
14	24	2	9	5	5	0	14	59	18	16	14	28	21	34	1	27	2	22	
15	25	2	21	30	4	48	14	57	18	11	15	14	22	49	2	57	1	59	
16	26	2	31	42	4	24	14	55	18	6	15	59	24	3	4	28	1	35	
17	27	1	15	43	3	48	14	53	18	1	16	44	25	18	6	1	11		
18	28	1	27	35	3	2	14	51	17	56	17	29	26	33	7	35	0	48	
19	29	0	9	25	2	8	14	49	17	51	18	14	27	47	9	10	0	24	
20	29	0	21	13	1	10	14	46	17	46	18	59	29	2	10	47	0	0	
21	0	59	3	28	9	0	7	14	44	17	42	19	44	0	16	12	25	0	N 23
22	1	58	15	16	0	S. 57	14	42	17	38	20	29	1	31	14	4	0	47	
23	2	58	27	40	1	59	14	39	17	34	21	14	2	45	15	44	1	11	
24	3	57	10	24	2	57	14	36	17	30	21	58	4	0	17	26	1	34	
25	4	57	23	34	3	48	14	33	17	27	22	43	5	14	19	9	1	58	
26	5	56	7	10	4	28	14	30	17	24	23	28	6	29	20	54	2	21	
27	6	55	21	13	4	52	14	27	17	21	24	13	7	44	12	40	2	45	
28	7	54	5	38	5	0	14	24	17	18	24	57	8	58	24	28	3	8	
29	8	54	20	39	4	48	14	21	17	15	25	42	10	13	26	17	3	32	
30	9	53	58	7	4	17	14	17	17	13	20	26	11	27	28	7	3	55	
31	10	52	10	54	2	27	14	14	17	10	27	11	12	42	29	58	4	18	

The Heliocentric Motions

March, 1778.

Days	h	m	24	♀	♂	☿	⊕	☿	♀	☽	☿	☿	☿	☿
1	10	6	23	28	20	46	11	4	27	32	28	37	4	43
7	10	17	23	56	24	20	17	4	7	3	15	47	8	30
13	10	28	24	24	27	51	23	3	16	34	17	47	4	17
19	10	39	24	52	18	23	29	0	26	6	19	18	4	4
25	10	51	25	20	4	51	4	57	5	39	8	35	3	50

M	H.	Wat.	Lon.	B.	The Lunar Aspects.							The Mutual Aspects.		
D.	Morn.	Aftern.			⊕	☽	24	♂	♀	☽	☿	☿	☿	☿
⊕	3	37	3	52			△ 14			*	5			
2	4	9	4	26					*	20		□	☽	
3	4	45	5	5	*	6	8	9	□ 16		□ 12			
4	5	28	5	51					*	22				
5	6	20	6	49	□	12		*	17		□ 4	△ 19	○ Perig.	△ ⊕ ☽ 8 4 ♀
6	7	22	7	56										
7	8	35	9	14	△ 20	△ 16			□ 5	△ 12				
⊕	9	9	10	29										
9	11	5	11	41		□ 22		△ 13				△ ⊕ ♀		
10			○	13			○ 3			8	17			
11	○	44	I	10										
12	I	35	I	59	8	17	*	3		8	13			
13	2	23	2	42					8	11				
14	3	c	3	14			*	18						
⊕	3	28	3	42										
16	3	55	4	9		○ 22					△ 1			
17	4	24	4	41			□ 5			△ 22				
18	4	58	5	16	△ I			△ 17	△ 19		□ ○		△ 24 ♂.	○ Apog.
19	5	35	5	57										
20	6	19	6	45	□ 19					□ 18				
21	7	12	7	43							*	21		
⊕	8	14	8	47		*	○		□ 11			△ ⊕ ♀		
23	9	21	9	56	*	II				*	10			
24	10	31	11	5			□ 8	8	13	*	22		♂ ⊕ ♀	
25	11	38												
26	○	9	○	39		△ 12								
27	I	6	I	32							○ 3			
28	I	58	2	23	○	4	△ 18			○ 6				
⊕	2	44	3	4				○ 8						
30	3	22	3	40		8	15	□ 20						
31	3	57	4	14						*	10		○ Perig.	

Parker.

April, 1778.

## The Planets daily Motions Geocentric.

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The Planets Latitudes and Place of ♫'s 88 to every 6th Day.	1	2N 35	1N 6	oS. 11	1S. 12	1S. 54	3 56
	7	2 36	1 6	0 7	1 4	1 16	3 37
	13	2 36	1 5	0 3	0 53	0 21	3 18
	19	2 37	1 4	oN 1	0 42	oN 43	2 59
	25	2 37	1 3	0 5	0 29	1 43	2 30

M D	○	♀	D	II	Lat. D	h Rk	m Rk	4 S	8 S	♂	♀	♀	♀	♀	Sun's Declin. North.
1 11	51	4	33	2S. 25	14 11	17	8 27	55	13 56	1	51	4	41		
2 12	50	19	0	1 14	14 7	17	6 28	39	15 10	3	45	5	4		
3 13	49	35	9	oN 0	14 4	17	4 29	24	16 25	5	41	5	27		
4 14	48	17	2	1 13	14 0	17	3 08	8	17 39	7	38	5	50		
○ 15	47	oΩ 39	2	2 21	13 56	17	1 0	52	18 53	9	36	6	13		
6 16	46	14	0	3 19	13 52	17	0 1	36	20 8	11	36	6	36		
7 17	45	27	7	4 5	13 48	16	59	2 0	21 22	13	38	6	58		
8 18	43	10M 4	4	38	13 44	16	58	3 24	22 36	15	41	7	21		
9 19	42	22	49	4 57	13 40	16	57	3 48	23 50	17	45	7	43		
10 20	41	5~22	5	1	13 36	16	57	4 32	25 4	19	50	8	5		
11 21	40	17	45	4 51	13 32	16	56	5 16	16 19	21	55	8	27		
○ 22	38	29	57	4 27	13 28	16	56	6 0	27 33	24	1	8	49		
13 23	37	12m 1	3 52	13 24	16D. 56	6	44	28 47	26 7	9	11				
14 24	36	23	57	3 6	13 20	16	56	7 28	08 1	28	14	9	32		
15 25	34	54 47	2	13	13 16	16	57	8 11	1 15	08 22	9	54			
16 26	33	17 35	1 14	13 12	16	57	8 55	2 29	2 29	10	15				
17 27	31	29 24	0 12	13 7	16	58	9 39	3 44	4 35	10	36				
18 28	30	11V 18	oS. 52	13 3	16	59	10 22	4 58	6 41	10	57				
○ 29	28	23 23	1 53	12 59	17	c 11	6 6	12	8 46	11	18				
20 8	27	5~45	2 53	12 55	17	1 11	49	7 26	10 50	11	38				
21 1	25	18 27	3 44	12 51	17	3 12	33	8 40	12 52	11	59				
22 2	24	1X 34	4 26	12 46	17	5 13	16	9 54	14 52	12	19				
23 3	22	15 10	4 53	12 42	17	7 14	0 11	8 16	49 12	39					
24 4	20	29 16	5 5	12 38	17	9 14	43	12 22	18 44	12	59				
25 5	19	13V 47	4 58	12 33	17 11	*5 26	13 36	20 36	13 18						
○ 6	17	23 39	4 31	12 29	17 14	16 10	14 50	22 25	13 38						
27 7	15	13V 45	3 45	12 24	17 16	16 52	16 4	24 11	13 57						
28 8	13	28 52	2 43	12 19	17 19	17 36	17 18	25 53	14 16						
29 9	12	13Π 53	1 29	12 15	17 22	18 19	18 32	27 32	14 35						
30 10	10	28 37	0 11	12 10	17 25	19 2	19 46	29 7	14 53						

## The Heliocentric Motions.

April, 1778.

Days	$\text{h}$	$\text{m}$	$4$	$8$	$\delta$	$8$	$\Theta$	$\Delta$	$\gamma$	$\gamma$	$\chi$	Day-Lng. o. v.	Sun R. Set.	Clock too fast.							
	II	IV	25	53	8	51	II	51	16	49	4	44	55	7	3	52					
7	II	V	26	22	12	17	17	45	26	23	19	43	17	9	5	21	7	2	5		
13	II	VI	26	49	15	39	23	37	58	59	48	1	3	2	9	5	10	7	0	25	
19	II	37	27	17	18	59	29	28	15	36	10	11	44	2	47	10	4	58	8	110.	2
25	II	49	27	45	22	17	51	19	25	13	18	6	2	26	10	4	47	8	2	15	

A. H. Wat. Lon. B.

## The Lunar Aspects.

### The Mutual Aspects.

Mond.	Mercur.	S	2	4	6	8	♀	Aspects.
1 4 36	4 59	* 13		* 21		* 17		
2 5 23	5 47				* 17			
3 6 18	6 49	□ 20	△ 19				□ 5	△ 24 ♀
4 7 22	7 56					□ 1		
5 8 32	9 9			□ 6	○ 6		△ 10	
6 9 45	10 21	△ 6	□ 6	○ 6		△ 12		△ ⊖ 24
7 10 54	11 27					△ 13		
8 11 55			* 7					△ 24 ♀
9 0 23	○ 47							
10 1 11	1 33				* 22			
11 1 55	2 15	8 8				8 18	8 10	○ ⊖ ♀
12 2 34	2 51					8 13		
13 3 7	3 2		○ 3	□ 10				
14 3 35	3 49							⊖ Apog.
15 4 4	4 21			△ 23				
16 4 38	4 56	△ 20						○ ♀ ♀
17 5 15	5 37					△ 22	△ 10	△ 13
18 6 0	6 26		* 4					
19 6 52	7 21	□ 13						
20 7 50	8 23		□ 13	8 22	□ 12	□ 3	□ 11	3♂♀. 8h♀. 8h♂
21 8 57	9 31							
22 10 5	10 37	* 2	△ 20		* 22	* 16		
23 11 9	11 43							* 2 □ 24 ♀
24 0 17								
25 0 42	1 7			△ 6				
26 1 34	2 1	○ 13	8 22					
27 2 26	2 50			□ 6	○ 5	○ 4	○ 10	□ 24 ♂
28 3 12	3 30							
29 3 49	4 7				*	6		
30 4 31	4 55	* 21	△ 22					3♂♀. 1 Perig.

Parker.

May, 1778

## The Planets daily Motions Geocentric.

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The Planets Latitudes and Place of J's S <sup>o</sup> to every 6th Day.	1	2N 37	1N 3	oN 8	oS. 15	2N 22	2	20
	7	2 36	1 2	0 12	0 0	2 32	2	1
	13	2 36	1 2	0 16	oN 15	2 7	1 42	
	19	2 35	1 1	0 19	0 30	1 6	1 23	
	25	2 35	1 0	0 22	0 44	oS. 25	1 4	

M. D.	○	8	D	Lat.	1	2	m	R	4	8	3	8	♀	8	♀	E	Sun's Declin. Nort.
1	11	8	13	2	1N 6	12	6	17	28	19	45	21	0	0	39	15 11	
2	12	6	7	5	2 18	12	1	17	32	20	28	22	14	2	7	15 29	
○	13	4	10	45	3 10	11	57	17	35	21	11	23	27	3	31	15 47	
4	14	2	24	5	4 8	11	52	17	39	21	54	24	41	4	51	16 4	
5	15	0	7	6	4 43	11	48	17	43	22	30	25	55	6	6	16 21	
6	15	58	19	50	5 4	11	43	17	47	23	19	27	9	7	17	16 38	
7	16	56	2	20	5 9	11	39	17	52	24	2	28	23	8	22	16 55	
8	17	54	14	38	4 59	11	34	17	56	24	44	29	37	9	24	17 11	
9	18	52	26	48	4 37	11	30	18	1	25	27	o II 50	10	22	17	27	
○	19	50	8	11	48	4	2	11	25	18	6	26	9	2	4	11 16 17 43	
11	20	48	20	45	3 18	11	21	18	12	26	52	3	18	12	5	17 53	
12	21	45	2	26	2 22	11	16	18	16	27	34	4	31	12	49	18 14	
13	22	43	14	24	1 24	11	12	18	21	28	16	5	45	13	28	18 28	
14	23	41	6	12	0 21	11	7	18	27	28	59	6	59	14	3	18 43	
15	24	39	8	2	o S. 44	11	3	18	32	29	41	8	12	14	23	18 57	
16	25	36	20	0	1 47	10	58	18	37	o II 23	9	26	14	59	19	11	
○	26	34	2	8	2 47	10	54	18	43	1	5	10	40	15	20	19 25	
18	27	32	14	30	3 40	10	50	18	40	1	47	11	53	15	36	19 38	
19	28	29	27	11	4 24	10	46	18	55	2	29	13	7	15	46	19 51	
20	29	27	10	X 15	4 55	10	42	19	2	3	17	14	21	15	52	20 3	
21	II	25	23	44	5 11	10	38	19	8	3	52	15	34	15 R 51	20	16	
22	I	22	7	43	5 11	10	34	19	15	4	35	16	48	15	48	20 28	
23	2	20	12	8	4 50	10	30	19	21	5	17	18	1	15	42	20 39	
○	3	18	6	8 57	4 10	10	26	19	28	5	59	19	15	15	31	20 50	
25	4	15	22	3	3 12	10	22	19	35	6	41	20	28	15	15	21 1	
26	5	13	7	16	2 0	10	18	19	42	7	23	21	41	14	56	21 12	
27	6	10	22	26	0 40	10	15	19	50	8	5	22	55	14	33	21 22	
28	7	8	7	26	o N 43	10	11	19	57	8	46	14	8	14	7	21 32	
29	8	5	22	6	2 1	10	7	20	5	9	28	25	21	13	38	21 41	
30	9	3	6	8 22	3 9	10	3	20	12	10	9	26	35	13	7	21 50	
○	10	c 20	11	4	4 10	0 20	20	10	51	17	48	12	25	21	50		

The Heliocentric Motions.

May, 1778.

Day	h	m	24	8	♂	8	⊖	☿	♀	π	♀	♌	♍	♎	Day-lig. B. & E.	Sun Ri. Set.	Clock too slow	
1	12	0	28	13	25	33	11	8	4	52	21	36	2	6	10	4 32 8	3 10	
2	7	12	11	28	41	28	47	16	56	14	32	19	28	1	44	11	4 26 8	3 45
3	13	12	22	29	9	1 II	59	22	43	24	15	12	37	1	19	11	4 17 8	4 1
4	19	12	33	29	37	5	10	28	29	3	56	21	12	8	48	12	4 8 8	3 56
5	25	12	44	0	5	8	17	4	15	13	40	20	13	No Nig.	14	0 8	3 31	

M	H.	Wat.	Lon.	B.	The Lunar Aspects.								The Mutual Aspects.			
D	Morn.	Aftern.			⊕	h	24	♂	♀	♀	♀	♀	♀	♀	♀	♀
1	5	19	5	44					* 12	* 15						
2	6	14	6	45									* 10	8 ⊕ h		
3	7	17	7	49	□	4	□	2	♂ 12	□ 20						
4	8	22	8	55							□ 1	□ 22				
5	9	28	10	56	△ 16	*	9			△ 7	△ 15					
6	10	29	10	57												
7	11	24	11	51							△ 13					
8		0	15				*	6			□ ⊕ 4					
9	0	20	1	2												
10	5	24	1	46												
11	2	7	2	27	8	○			8 13							
12	2	47	3	3						8 4	8 22	) Apog.				
13	3	18	3	34				△ 8								
14	3	49	4	4												
15	4	20	4	39		*	6									
16	4	59	5	19	△ 12				△ 22							
17	5	40	6	5		□ 17				△ 18						
18	6	20	6	56				8 8			△ 2					
19	7	23	7	52	□ 3				□ 10							
20	8	22	8	54	△ 1					□ 8	□ 10					
21	9	27	9	59	* 13				* 18							
22	10	32	11	4				△ 19		* 16	* 13					
23	11	36	0	36								* 24 ♀				
24	0	6	0	36				8 6	□ 20							
25	1	6	1	35	♂ 21								○ Perig.			
26	2	5	2	34				* 20	♂ c							
27	2	57	3	16					♂ 1							
28	3	39	3	58		△ 5										
29	4	21	4	44												
30	5	7	5	33	*	5	□ 6		* 7		* 12					
31	5	58	6	25				♂ c		* 15						

Parker.

June, 1778.

## The Planets daily Motions Geocentric.

M. D.	⊕	II	D	NY	Lat.	Y	h	m	4	Ω	δ	II	♀	II	⊗	II	R.	Sun's Declin. North.	
1	10	58	3	36	4N	44	9	56	20	28	11	32	29	1	12	2	22	7	
2	11	55	16	37	5	8	9	52	20	36	12	13	0	15	11	29	22	15	
3	12	53	29	18	5	16	9	49	20	44	12	55	1	28	10	55	22	22	
4	13	50	11	43	5	9	9	45	20	52	13	36	2	41	10	23	22	29	
5	14	47	23	53	4	48	9	42	21	0	14	18	3	54	9	52	22	36	
6	15	45	51	54	4	16	9	39	21	9	14	59	5	8	9	22	22	42	
⊕	16	42	17	48	3	31	9	36	21	17	15	40	6	21	8	54	22	48	
8	17	39	29	37	2	38	9	33	21	26	16	21	7	34	8	29	22	54	
9	18	37	11	25	1	39	9	30	21	35	17	2	8	47	8	8	22	59	
10	19	34	23	15	0	35	9	27	21	44	17	43	10	1	7	51	23	3	
11	20	31	5V8	7	0S.	31	9	24	21	53	18	24	11	14	7	37	23	8	
12	21	28	17	6	1	36	9	21	22	2	19	5	12	27	7	27	23	12	
13	22	26	29	10	2	37	9	19	22	11	19	46	13	40	7	22	23	15	
⊕	23	23	11	26	3	32	9	16	22	20	20	27	14	53	7	21	23	18	
15	24	20	23	55	4	18	9	14	22	30	21	8	16	6	7D.25	23	21		
16	25	17	6	41	4	53	9	11	22	39	21	48	17	19	7	33	23	23	
17	26	15	19	45	5	13	9	9	22	49	22	29	18	32	7	46	23	25	
18	27	12	3	39	9	5	17	9	7	22	58	23	10	19	8	3	23	26	
19	28	9	17	0	5	3	9	5	23	8	23	51	20	58	8	25	23	2	
20	29	6	18	13	4	31	9	3	23	18	24	32	22	11	8	52	23	29	
⊕	30	4	15	47	3	41	9	1	23	28	25	12	23	24	9	23	23	29	
22	1	1	0	II	39	2	34	8	59	23	38	25	51	24	36	9	59	23	28
23	1	58	15	42	1	17	8	57	23	48	26	32	25	49	10	39	23	27	
24	2	55	0	II	48	0	N	7	8	55	23	59	27	12	27	2	11	24	23
25	3	53	15	47	1	29	8	53	24	9	27	54	28	15	12	4	23	25	
26	4	50	0	II	32	2	43	8	52	24	19	28	35	29	28	13	8	23	25
27	5	47	14	56	3	46	8	50	24	30	29	15	0	II	41	14	6	23	26
⊕	6	44	28	55	4	33	8	48	24	40	29	55	1	53	15	8	23	18	
29	7	42	12	26	5	4	8	47	24	51	0	II	36	3	6	16	14	23	15
30	8	39	25	32	5	18	8	46	25	1	1	16	4	19	17	24	23	11	

The Heliocentric Motions.

Days	h	m	24	☿	♂	♃	♄	♅	♆	♇	♈
1	12	57	0	37	11	55	10	58	25	1	9 42
7	13	9	1	5	14	59	16	42	40	46	26 14
13	13	20	1	33	18	1	22	26	14	31	13 19 23
19	13	31	2	1	21	2	28	9	24	16	1 58
25	13	43	2	29	24	1	27	53	4	32	2 23 3

June, 1778.

Day-iig. B. & E.	Sun Ri. Set.	Clock too slow.
No	3 53 9 2	38
Dark- ness, but	3 48 9 1	38
Twi- light.	3 46 9 0	20
	3 43 9	ofast 48
	3 44 9 2	6

M	4. Wat. Lon. B	The Lunar Aspects.							The Mutual Aspects.	
D.	Morn.	Aftern.	○	☽	☽	☿	♀	♂	♃	♄
1	6 52	7 18	□ 15	* 12			□ 16		□ 15	♂ ♂ ♀. ♂ ○ ♀
2	7 46	8 15							□ 5	△ 22 ♂ ○ ♂
3	8 44	9 12								
4	9 40	10 8	△ 4		* 18	△ 4				
5	10 35	11 1					△ 23			
6	11 29	11 56		☽ 8						
○		○ 21			□ 7					
8	○ 45	1 8							8 14	》 Apog.
9	1 31	1 54	8 16		△ 21	8 12				△ 1 ♀
10	2 18	2 38						8 14		
11	2 57	3 14		*	9					
12	3 30	3 46								
13	4 1	4 20			□ 20					△ 16
○	4 40	4 59			8 20	△ 19				
15	5 17	5 38	△ 1							
16	5 59	6 23		△ 5						
17	6 47	7 13	□ 12			□ 5				* 24 3
18	7 39	8 9							*	9
19	8 40	9 13	* 20		△ 10	* 12	□ 7			
20	9 46	10 19		8 15						
○	10 53	11 29			□ 13			*	13	
22		○ 6								○ 16 》 Perig.
23	○ 37	1 8			*	13	○ 18			
24	1 41	2 15	☽ 4	△ 12						
25	2 41	3 7						○ 28		
26	3 27	3 47		□ 14	○ 17					* 22
27	4 7	4 27								
○	4 47	5 8	* 15	* 18		*	2			
29	5 29	5 49						□ 8		
30	6 11	6 34				□ 12		*	18	△ ○ 1 2

Parker.

July, 1778.

## The Planets daily Motions Geocentric.

18 II

The Planets Latitudes and Place of ♫'s ♭ to every 6th Day.		1	2N 27	oN 57	oN 43	1N 39	2S. 18	29	7
		7	2 26	0 57	0 45	1 40	1 2	28	47
		13	2 24	0 57	0 48	1 38	oN 12	28	28
		19	2 22	0 57	0 51	1 33	1 10	28	09
		25	2 20	0 57	0 53	1 26	1 41	27	50

M. D.	○	□	▷	◀	Lat. ▷	h R	m	4	♀	♂	□	♀	♂	♀	□	Sun's Declin. North.
1	9	36	8	14	5N 14	8	45	25	12	1	56	5	31	18	38	23 7
2	10	33	20	39	4 56	8	44	25	23	2	36	6	43	19	56	23 3
3	11	30	2M 47	4	26	8	43	25	34	3	16	7	56	21	18	22 58
4	12	28	14	44	3 44	8	42	25	45	3	56	9	9	22	45	22 53
5	13	25	26	35	2 54	8	42	25	56	4	36	10	21	24	15	22 47
6	14	22	8	23	1 55	8	41	26	7	5	16	11	34	25	48	22 42
7	15	19	20	12	0 52	8	40	26	18	5	56	12	47	27	25	22 35
8	16	16	2V 5	5	oS. 13	8	40	26	30	6	36	13	59	29	6	22 28
9	17	14	14	5	1 19	8	39	26	41	7	16	15	12	oM 50	22 21	
10	18	11	26	13	2 21	8	39	26	52	7	55	16	24	2	37	22 14
11	19	8	8	31	3 18	8	39	27	4	8	35	17	36	4	28	22 6
12	20	5	21	1	4 7	8D. 39	27	15	9	15	18	49	6	22	21	58
13	21	2	3	44	4 44	8	39	27	27	9	55	20	1	8	18	21 49
14	22	0	16	42	5 7	8	39	27	38	10	35	21	13	10	16	21 47
15	22	57	29	54	5 15	8	40	27	50	11	14	22	25	12	17	21 31
16	23	54	13	V 23	5 5	8	40	28	2	11	54	23	38	14	20	21 21
17	24	51	27	8	4 39	8	40	28	14	12	33	24	50	16	24	21 11
18	25	49	11	8 11	3 55	8	41	28	26	13	13	26	2	18	29	21 0
19	26	46	25	28	2 56	8	41	28	38	13	52	27	14	20	36	20 50
20	27	43	10	II 0	1 45	8	42	28	50	14	32	28	26	22	44	20 39
21	28	41	24	42	0 26	8	43	29	2	15	11	29	38	24	52	20 27
22	29	38	9	29	oN 55	8	44	29	14	15	50	oM 50	26	59	20 15	
23	30	35	24	14	2 12	8	45	29	26	16	30	2	29	5	20	3
24	1	33	8	30	5 19	8	46	29	38	17	9	3	14	1S. 11	19	50
25	2	30	23	10	4 12	8	47	29	50	17	48	4	26	3	17	19 32
26	3	27	7	M 9	4 49	8	49	oM 3	18	27	5	38	5	21	19	24
27	4	25	20	42	5 9	8	50	0	15	19	7	6	49	7	26	19 11
28	5	22	3	-52	5 11	8	51	0	27	19	46	8	1	9	29	18 57
29	6	20	16	37	4 58	8	53	0	40	20	25	9	13	11	31	18 43
30	7	17	29	2	4 30	8	55	0	52	21	4	10	25	13	31	18 28
31	8	15	11	M 10	3 51	8	57	1	42	21	43	11	36	15	29	18 14

## The Heliocentric Motions.

Julv, 1778.

Days	h	m	24	☿	♂	π	Θ	☿	♀	☿	♀	★		Day-ing. B. & E.	Sun Ri. Set.	Clock too fast.
1	13	54	2	56	26	58	9	36	13	47	17	45		No	3 46 9	3 19
7	14	5	3	24	29	54	15	19	23	31	17	23		Darkn.	3 50 9	4 23
13	14	16	3	51	25	48	21	2	3	13	22	8	12	but Twi-	3 55 9	5 13
19	14	27	4	19	5	41	26	46	12	54	29	11	53	light.	4 1 8	5 46
25	14	38	4	47	8	33	25	30	22	34	50	43		o 45 12	4 10 8	6 1

M	H.Wat.	Lon.	B.	The Lunar Aspects.								The Mutual Aspects.		
D.	Mo	n.	Aftern.	⊕	☽	☽	☿	24	♂	♀	☽			
1	6	58	7 23	□ 3			☽				△ 23			
2	7	48	8 14		*	9								
3	8	41	9 9	△ 19	♂ 12			△ 1	□ 11			□ ☽ ♀		
4	9	38	10 7				□ 23							
○	10	36	11 5											
6	11	33									△ 7	* 24 ♀.	○ Apog.	
7	0	1	○ 28				△ 13				8 16			
8	0	55	1 21	*	13			8 10						
9	1	46	2 11	8 7										
10	2	36	2 54											
11	3	28	3 28	□ c			8 12					△ ☽ ♂		
○	3	44	3 59											
13	4	14	4 32		△ 10			△ 12			△ 10	△ ☽ ♀		
14	4	51	5 10	△ 10								♂ ♂ ♀		
15	5	28	5 49					□ 21						
16	6	11	6 36	□ 20							△ 20	□ 2		
17	7	1	7 30		8 20	△ 2								
18	8	0	8 34				*	4			*	14		
○	9	8	9 46	*	2		□ 5				□ 3			
20	10	24	11 3									♂ 24 ♀.	○ Perig.	
21	11	42			△ 23	*	7				*	8		
22	0	18	○ 53	♂ 11				♂ 11				♂ 9		
23	1	26	1 59									♂ ○ ♀		
24	2	26	2 53	□ o										
25	3	12	3 31				♂ 12				♂ 21			
○	3	48	4 4		*	4		*	21					
27	4	23	4 42											
28	4	59	5 15	*	3						*	13		
29	5	34	5 53	□ 18	♂ 20	*	4		□ 8			*	24 ♀	
30	6	15	6 37	□ 18	♂ 20	*	4				△ 22	*	1	□ 10
31	7	0	7 23											

Parker.

August, 1778.

## The Planets daily Motions Geocentric.

183 II

The Planets Latitudes and Place of ♦'s ♦'s to every 6th Day.	1	2 N 19	○ N 57	○ N 56	1 N 14	1 N 45	27	28
	7	2 17	0 57	0 58	1 0	1 24	27	9
	13	2 15	0 57	1 1	0 44	0 49	26	50
	19	2 13	0 57	1 3	0 26	0 4	26	31
	25	2 12	0 57	1 5	0 6	0 S. 47	26	12

M. D.	⊕	Ω	Δ	m	Lat.	Δ	h	m	4	η	♂	♃	♀	η	♀	Ω	Sun's Declin. North.
1 9	12	23	6	3 N	3	8	59		1	17	22	22	12	48	17	26	17 59
○ 10	9	4 4	56	2	7	9	1	1	29	23	1	14	0	19	22	17 43	
3 11	7	16	45	1	7	9	3	1	42	23	40	15	11	21	16	17 28	
4 12	4	28	36	0	2	9	6	1	54	24	19	16	23	23	9	17 12	
5 13	2	10	34	15.	2	9	8	2	7	24	58	17	35	25	0	16 55	
6 13	59	22	43	2	5	9	10	2	20	25	37	18	46	26	49	16 39	
7 14	57	5	33	3	2	9	12	2	33	26	16	19	57	28	37	16 22	
8 15	54	17	37	3	52	9	14	2	45	26	55	21	8	0	24	16 5	
○ 16	52	0	27	4	31	9	17	2	58	27	33	22	19	2	9	15 48	
10 17	50	13	32	4	57	9	19	3	10	28	12	23	30	3	53	15 30	
11 18	47	26	49	5	7	9	22	3	23	28	51	24	41	5	35	15 13	
12 19	45	10	18	5	0	9	25	3	36	29	29	25	52	7	15	14 55	
13 20	43	24	c	4	37	9	28	3	49	0	8	27	3	8	54	14 36	
14 21	40	7	8	48	3	57	9	32	4	1	0	47	28	14	10	32	14 18
15 22	38	21	48	3	-3	9	35	4	14	1	25	29	25	12	8	13 50	
○ 23	36	5	II	56	1	56	9	38	4	27	2	4	0	36	13	43	13 40
17 24	33	20	-10	0	44	9	41	4	40	2	43	1	47	15	16	13 21	
18 25	31	4	0	29	0	N	34	9	45	4	53	3	21	2	58	16 47	13 2
19 26	29	18	51	1	48	9	48	5	6	4	0	4	8	18	17	12 42	
20 27	27	3	8	13	2	56	9	52	5	19	4	39	5	19	19	46	12 22
21 28	25	17	27	3	52	9	55	5	32	5	17	6	30	21	14	12 2	
22 29	23	1	η	31	4	32	9	59	5	45	5	56	7	41	22	40	11 42
○ 23	21	15	18	4	56	10	2	5	58	6	34	8	51	24	5	11	22
24 1	19	28	45	5	4	10	6	6	11	7	13	10	1	25	28	11 1	
25 2	17	11	-51	4	54	10	10	6	24	7	51	11	12	26	50	10 41	
26 3	15	24	35	4	30	10	14	6	37	8	29	12	22	28	10	10 20	
27 4	13	7	η	c	3	54	10	18	6	50	9	7	13	32	29	28 9	55
28 5	11	19	8	3	7	10	23	7	3	9	45	14	42	0	44	9 37	
29 6	9	4	3	2	13	10	27	7	16	10	23	15	52	1	58	9 16	
○ 7	7	12	53	1	14	10	32	7	20	11	1	17	2	3	11	8 55	
31 8	5	24	41	0	12	10	36	7	43	11	39	18	12	4	22	8 32	

## The Heliocentric Motions.

August, 1778.

D.	h	m	24	η	♂	☽	⊕	☽	♀	m	♀	η
1	14	52	5	20	11	50	9	12	3	49	10	57
7	15	3	5	48	14	38	14	57	13	25	5	27
13	15	14	6	16	17	26	20	43	23	0	26	13
19	15	25	6	44	20	12	26	29	2	14	33	14
25	15	36	7	11	22	57	2	17	12	5	1	33

M.	H. Wat. Lon. B.	The Lunar Aspects.	The Mutual Aspects.
D.	Morn. Aftern.	⊕	h 24 ♂ ♀ ♀
1	7 49	8 16	□ 17
○	8 46	9 17	△ 12
3	9 49	10 21	□ 21 △ 11
4	10 53	11 25	* 21 △ 7
5	11 55		△ 15
6	0 24	0 52	8 6
7	1 20	1 46	8 20 □ 8
8	2 12	2 33	
○	2 54	3 11	△ 17 8 5 8 3
10	3 27	3 42	
11	3 57	4 13	△ 4 8 20
12	4 30	4 48	△ 18
13	5 6	5 26	△ 17 □ 11
14	5 46	6 12	8 3 □ 11
15	6 38	7 8	□ 22 * 17 △ 14 △ 4
○	7 38	8 15	□ 15
17	8 52	9 33	* 8 □ 21
18	10 14	10 54	△ 9 * 1
19	11 33		* 23 * 3 ♀
20	0 9	0 44	□ 11 6 3 * 4
21	1 15	1 45	○ 20
22	2 12	2 39	* 15 6 7
○	2 57	3 15	6 18
24	3 30	3 45	* 16 6 23
25	3 59	4 12	
26	4 29	4 46	* 18
27	5 3	5 20	6 7 * 0 □ 4
28	5 41	6 2	
29	6 25	6 49	□ 11 □ 13 △ 20
○	7 15	7 41	* 9 □ 22
31	8 12	8 44	□ 15 6 18 6 24. □ Apog.

Parker.

September, 1778.

## The Planets daily Motions Geocentric.

181 17

The Planets Latitudes and Place of D's & to every 6th Day.	1	2N 11	oN 57	1N 8	1S. 20	1S. 50	25	5
	7	2 10	0 57	1 10	0 44	2 42	25	30
	13	2 9	0 58	1 12	1 8	3 26	25	11
	19	2 8	0 58	1 14	1 38	3 50	24	52
	25	2 7	0 59	1 16	1 58	3 35	24	33

M. D.	○	☿	☽	V	Lat.	1	2	3	4	☿	♂	♀	☽	☿	○	Sun's Declin. North.
1	9	3	6	34	oS. 51	10	41	7	56	12	17	19	22	5	31	8 11
2	10	1	18	36	1 51	10	45	8	59	12	55	20	32	6	38	7 49
3	10	59	o	51	2 50	10	50	8	22	13	3	21	42	7	43	7 27
4	11	58	13	24	3 42	10	55	8	35	14	11	22	51	8	46	7 5
5	12	56	26	14	4 40	11	0	8	48	14	49	24	1	9	47	6 43
○	13	54	9	23	4 48	11	5	9	1	15	27	25	10	10	44	6 20
7	14	52	22	51	5 1	11	10	9	14	16	5	26	10	11	38	5 58
8	15	51	6	33	4 56	11	15	9	27	16	43	27	28	11	30	5 39
9	16	49	20	27	4 34	11	20	9	40	17	21	28	37	13	19	5 13
10	17	47	48	28	3 55	11	25	9	53	17	59	29	46	14	5	4 50
11	18	46	18	34	3 2	11	30	10	6	18	30	31	55	14	47	4 27
12	19	44	2	H 41	1 58	11	36	10	19	19	14	2	4	15	25	4 4
○	20	43	16	48	o 46	11	41	10	31	19	52	3	13	15	58	3 41
14	21	41	o	54	oN 28	11	46	10	44	20	30	4	21	16	27	3 18
15	22	40	14	58	1 40	11	52	10	57	21	8	5	30	16	51	2 55
16	23	39	28	50	2 47	11	57	11	9	21	45	6	39	17	11	2 32
17	24	37	12	S 54	3 43	12	3	11	22	22	23	7	47	17	25	2 8
18	25	36	26	44	4 25	12	9	11	35	23	0	8	55	17	32	1 45
19	26	35	10	H 22	4 51	12	14	11	48	23	38	10	3	17	33	1 22
○	27	33	23	49	5 0	12	20	12	0	24	15	11	11	17	R 27	0 58
21	28	32	7	0	4 53	12	25	12	13	24	53	12	19	17	15	0 35
22	29	31	19	54	4 31	12	31	12	26	25	30	13	27	16	55	0 12
23	30	30	21	M 31	3 57	12	57	12	38	26	8	14	35	16	28	oS. 12
24	1	29	14	51	3 12	12	43	12	51	26	45	15	43	15	54	0 35
25	2	28	26	56	2 19	12	49	13	4	27	22	16	50	15	12	0 59
26	3	27	8	51	1 20	12	55	13	17	28	0	17	58	14	23	1 22
○	4	26	20	40	0 18	13	1	13	29	28	37	19	5	13	28	1 46
28	5	25	2	V 27	oS. 45	13	7	13	42	29	14	20	12	12	27	2 9
29	6	24	14	19	1 46	13	15	13	55	29	52	21	19	11	21	2 33
30	7	23	26	21	2 43	13	20	14	8	oM 29	22	26	10	13	2	56

## The Heliocentric Motions.

September, 1778

	h	m	4	m	♂	♃	Θ	כוכב	♀	♄	♃	♅	♆	Day-lig.	Sun.	Clock				
														B. & E.	Ri. Set.	too flo.				
1	15	49	7	48	26	8	9	3	23	11	20	46	3	7	9	14	7	0	18	
7	16	0	8	10	28	52	14	52	21	841	7536	3	24	9	5	25	7	2	15	
13	16	12	8	37	18	35	20	43	12	10	25	4	3	37	9	5	37	7	4	19
19	16	23	9	5	4	16	26	35	21	40	15	46	3	52	9	5	49	7	6	24
25	16	24	0	22	6	56	29	28	1	33	8	9	4	5	8	6	1	6	8	28

H. Wat. Lon. B.

## The Lunar Aspects.

## The Mutual Aspects.

D.	Morn.	Aftern.	⊕	☽	☿	♂	♀	☿	Aspects.	
									Δ	Δ
1	9	18	9	52	Δ 5	* 8	Δ 3			
2	10	25	10	58				□ 4		
3	11	31				□ 19			Δ 14	* ⊖ ♀
4	○	3	○	31				8 2	Δ 19	
5	○	59	1	24						
○	1	49	2	13	8 9	Δ 4	8 c			
7	2	37	2	55				△ 18		
8	3	12	3	28				8 15	8 11	
9	3	44	3	59						
10	4	14	4	34		8 12	Δ 9			
11	4	54	5	15	Δ 0			□ 0		
12	5	37	6	5			□ 13		Δ 23	
○	6	34	7	6	□ 7			* 6		○ Perig.
14	7	38	8	16		△ 19	* 17		△ 6	
15	8	55	9	36	* 14				□ 4	
16	10	18	10	55		□ 22			□ 15	
17	11	32					○ 17		* 8	
18	○	3	○	34				* 23		
19	1	2	1	29		* 4	○ 3			
○	1	54	2	19	○ 7					
21	2	38	2	57					○ 19	○ ♀
22	3	12	3	27				* 11		
23	3	41	3	54		○ 20	* 20			
24	4	9	4	24				○ 2		* ♀ 24
25	4	41	4	59	* 12			□ 1		
26	5	18	5	37			□ 9		* 11	○ Apog.
○	6	1	6	25				Δ 17		
28	6	51	7	18	□ 7	* 22	Δ 23		□ 19	
29	7	48	8	19				* 15		
30	8	53	9	27						

Parker.

October, 1778.

## The Planets daily Motions Geocentric.

	1	2N	6	1N	0	1N	18	2S.	21	2S.	18	24	14
The Planets Latitudes and Place of N's & S's to every 6th Day.	7	2	5	1	0	1	19	2	44	0	18	23	55
	13	2	4	1	1	1	21	3	4	1N	18	23	36
	19	2	4	1	2	1	23	3	20	2	1	23	17
	25	2	3	1	3	1	24	3	35	2	1	22	58

M. D.	○	Δ	○	Δ	Lat.	h	m	24	η	δ	η	φ	m	χ	Δ	R	Sun's Declin. South.		
1	8	22	8	38	3S. 34	13	26	14	20	1	6	23	32	9	4	3	19		
2	9	21	21	15	4	15	13	32	14	33	1	43	24	38	7	56	3	43	
3	10	20	4	X 15	4	46	13	38	14	45	2	21	25	44	6	50	4	6	
○	11	19	17	38	5	1	13	45	14	57	2	58	26	51	5	46	4	20	
5	12	19	19	24	4	59	13	51	15	10	3	3	27	57	4	49	4	52	
6	13	18	15	38	4	40	13	57	15	22	4	12	29	3	4	0	5	15	
7	14	17	29	50	4	3	14	4	15	34	4	49	0	8	3	19	5	38	
8	15	16	14	8	17	3	9	14	0	15	46	5	26	1	13	2	46	6	1
9	16	16	28	47	2	5	14	17	15	58	6	3	2	17	2	29	6	24	
10	17	15	13	II 15	0	50	14	24	16	10	6	40	3	22	2	23	6	47	
○	18	15	27	35	0N 25	14	30	16	22	7	17	4	27	2	22	7	10		
12	19	14	11	545	1	40	14	37	16	34	7	54	5	32	2D. 35	7	32		
13	20	14	25	45	2	46	14	44	16	46	8	31	6	36	2	5	7	55	
14	21	13	98	34	3	43	14	51	16	58	9	8	7	40	3	3	8	17	
15	22	13	23	11	4	26	14	57	17	10	9	45	8	44	4	14	8	40	
16	23	12	6	X 38	4	54	15	4	17	22	10	21	9	47	5	4	9	2	
17	24	12	19	53	5	5	15	11	17	33	10	58	10	50	6	2	9	24	
○	25	12	2	X 56	5	0	15	8	17	45	11	35	11	53	7	6	9	46	
19	26	12	15	47	4	40	15	25	17	56	12	11	12	56	8	16	10	7	
20	27	11	18	23	4	6	15	32	18	7	12	48	13	59	9	31	10	29	
21	28	11	10	M 47	3	22	15	39	18	19	13	24	15	1	10	51	10	50	
22	29	11	12	58	2	27	15	46	18	30	14	16	4	12	14	11	12		
23	31	11	4	X 59	1	28	15	53	18	42	14	37	17	6	13	41	11	33	
24	1	11	16	50	0	26	16	0	18	52	15	14	18	7	15	10	11	54	
○	2	11	28	37	0S. 38	16	7	19	4	15	50	19	8	16	42	12	15		
26	3	11	10	V 24	1	40	16	14	19	15	16	26	20	8	18	16	12	35	
27	4	11	22	15	2	38	16	21	19	26	17	3	21	9	19	51	12	56	
28	5	11	4	X 15	3	30	16	28	19	37	17	39	22	9	21	27	13	16	
29	6	11	16	30	4	14	16	35	19	47	18	15	23	9	23	3	13	36	
30	7	11	19	5	4	47	16	42	19	58	18	51	24	8	24	39	13	56	
31	8	11	12	X 4	5	6	16	40	20	9	9	27	25	7	16	10	14	15	

The Heliocentric Motions.

October, 1778.

D.	h	m	4	☿	♂	♃	♄	♅	♀	♃	♄	♅	Day-lig. B. & E.	Sun Ri. Set.	Clock too slow.		
1	10	45	10	1	9	36	8	22	10	36	7	1	4	18	8 6	12 6	10 25
7	16	56	10	29	12	15	14	17	20	6	10	8 14	4	31	8 6	24 6	12 13
13	17	7	10	56	14	54	20	14	29	35	17	11 25	4	43	8 6	36 6	13 45
19	17	18	11	24	17	33	26	12	9	9	6	24 22	4	55	8 6	47 6	14 58
25	17	29	11	51	20	11	28	11	18	37	26	8 5	5	6	7 6	50 6	15 47

M.	H. Wat. L. n. B.	The Lunar Aspect .								The Mutual Aspects.				
D.	Morn.	Aftern.	⊕	h	4	♂	♀	☽	⊕	h	4	♂	♀	☽
1	10	1	10	34	△ c	□ 9						△ 1		○ ⊕ ♀
2	11	6	11	38						8 20	□ 7			
3		0	7		△ 17	8 19								
○	0	35	1	1							△ 18			
5	1	26	1	51	8 20							8	6	
6	2	16	2	37										
7	2	57	3	15					△ 9					
8	3	32	3	49		8 ○	△ 3							
9	4	5	4	26					□ 12	8 6	△ 6	* ♀ ♀		
10	4	47	5	11	△ 7				□ 5					○ Perig.
○	5	36	6	6					*	17		□ 8		
12	6	36	7	10	□ 14	△ 5	*	8						
13	7	44	8	21							△ 20	*	13	
14	8	58	9	35	*	22	□ 10							
15	10	11	10	44										
16	11	16	11	47		*	16	○ 20	○ 7	□ 6				
17		0	18									□ ♂ ♀		
○	0	42	1	0							*	18	○ 9	
19	1	29	1	51	○ 22									
20	2	13	2	34										
21	2	51	3	7		○ 10	*	15	*	5				* h ♂. □ 4 ♀
22	3	22	3	36										
23	3	50	4	4								*	20	
24	4	22	4	40										○ Apog.
○	4	59	5	18	*	8								
26	5	40	6	3		*	12	△ 18	△ 13			□ 18	*	h ♀
27	6	20	6	56										
28	7	2	7	51	□ 2									
29	8	22	8	54	□ 0						*	13	△ 14	
30	9	26	9	59	△ 16									
31	10	29	10	50	△ 0	8 15	8 14							

Parker.

November, 1778.

## The Planets daily Motions Geocentric.

M. D.	○	☿	☽	☿	☽	Lat.	Σ	h	m	☿	☽	♂	☿	♀	♃	♄	♃	♄	Sun's Declin. South:
1	○	9	11	25	29	55	0	16	56	20	19	20	3	26	5	27	53	14	34
2	10	11	9	22	4	55	17	3	20	29	20	39	27	3	29	31	14	53	
3	11	12	23	40	4	22	17	10	20	39	21	15	28	0	1M	9	15	12	
4	12	12	8	17	3	31	17	18	20	50	21	51	28	57	2	47	15	31	
5	13	12	23	8	2	26	17	25	21	0	22	27	29	54	4	25	15	49	
6	14	12	8	II	4	10	17	32	21	10	23	2	0V350	6	3	16	7		
7	15	13	22	56	0N	11	17	39	21	20	23	39	1	45	7	45	16	25	
8	16	13	7	38	1	30	17	46	21	30	24	15	2	39	9	17	16	43	
9	17	13	22	6	2	42	17	53	21	40	24	51	3	32	10	54	17	0	
10	18	14	6	8	15	3	43	18	0	21	50	25	27	4	25	12	31	17	17
11	19	14	20	5	4	30	18	8	21	59	26	3	5	18	14	8	17	33	
12	20	15	3	37	5	0	18	15	22	9	26	38	6	11	15	45	17	50	
13	21	15	16	51	5	13	18	22	22	19	27	14	7	3	17	21	18	6	
14	22	16	29	49	5	10	18	29	22	28	27	50	7	54	18	57	18	21	
15	23	16	12	33	4	52	18	36	22	37	28	25	8	44	20	33	18	37	
16	24	17	25	3	4	19	18	43	22	46	39	1	9	32	22	9	18	52	
17	25	17	7	12	3	36	18	51	22	55	29	37	10	21	23	45	19	7	
18	26	18	19	32	2	43	18	58	23	4	0	12	11	9	25	20	19	21	
19	27	19	1	4	32	1	43	19	5	23	13	0	47	11	56	26	54	19	35
20	28	19	13	26	0	39	19	12	23	21	1	23	12	42	28	29	19	49	
21	29	20	25	14	0S.	26	19	19	23	30	1	58	13	27	0	4	20	2	
22	○	21	7	19	0	1	30	19	26	23	38	2	33	14	11	1	39	20	15
23	1	22	18	48	2	30	19	33	23	46	3	8	14	54	3	13	20	27	
24	2	22	0	40	3	24	19	40	23	54	3	43	15	36	4	47	20	40	
25	3	23	12	40	4	10	19	47	24	2	4	18	16	16	6	21	20	51	
26	4	24	24	53	4	46	19	54	24	10	4	53	16	55	7	55	21	3	
27	5	25	7	24	5	9	20	1	24	18	5	28	17	33	9	29	21	14	
28	6	26	20	16	5	18	20	8	24	25	6	3	18	10	11	3	21	24	
29	7	27	3	35	5	10	20	15	24	32	6	38	18	46	12	37	21	35	
30	8	27	17	21	4	44	20	22	24	40	7	12	19	21	14	10	21	44	

The Heliocentric Motions.

Days	h	m	24	☿	♂	♃	♄	♅	♆	♇	♈	♉
1	17	42	12	24	23	15	9	11	29	45	27	52
7	17	54	12	51	25	53	15	13	9	18	19	41
13	18	5	13	19	28	30	21	15	18	52	8	11
19	18	16	13	46	1	♀	8	27	19	28	27	26
25	18	27	14	14	3	45	3	II	23	8	3	12
										4	36	

November, 1778.

Day	lig.	Sun	Clock
B.	& E.	Ri. Set.	too slow.
5	17	7	12
5	25	7	22
5	34	7	33
5	41	7	42
5	48	7	50
		5	12
			34

M. H. Wat. Lon. B.

The Lunar Aspects.

D.	Morn.	Aftern.	○	h	24	♂	♀	☽
⑤	11	31					□ 1	
2	0	2	○	20				
3	0	56	1	21			△ 8	3 14
4	1	46	2	12	8 7	8 15	△ 20	△ 23
5	2	38	2	59				
6	3	19	3	39		□ 22		
7	3	58	4	20			□ 1	8 16
⑥	4	43	5	7	△ 15	△ 17	* 23	
9	5	32	6	1			*	5
10	6	31	7	2	□ 22	□ 21		
11	7	33	8	5				
12	8	38	9	11			△ 5	
13	9	45	10	15	* 9	* 3	○ 10	○ 20
14	10	44	11	12			□ 16	
⑦	11	39						
16	0	4	0	28				
17	0	52	1	16	δ 23		*	6
18	1	39	2	1	δ 15	* 7	* 23	δ 13
19	2	22	2	42				
20	2	58	3	14		□ 20		
21	3	30	3	46			□ 14	
⑧	4	1	4	16				
23	4	36	4	56	* 2	△ 10		
24	5	15	5	34	* 4		△ 6	* 9
25	5	58	6	22		□ 14		
26	6	46	7	10	□ 20			
27	7	38	8	6			* 20	□ 4
28	8	36	9	6		△ 0	8 8	
⑨	9	37	10	8	△ 7		8 6	△ 18
30	10	38	11	8			□ 4	

The Mutual Aspects.

δ 4 ♂

○ Perig.

○ ○ h

\* ○ 4. δ h ♀

\* 4 ♀

δ ○ ♀

○ Apog.

\* ○ ♂

Parker.

December, 1778.

The Planets daily Motions Geocentric.

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D

	1	2N	2	1N 10	1N 33	2S. 42	1S. 32	2I	C
The Planets Latitudes and Place of 11's &c to every 6th Day.	7	2	2	I 12	I 34	I 57	I 58	20	41
	13	2	3	I 13	I 35	o 58	2 12	20	22
	19	2	3	I 15	I 36	oN 16	2 11	20	3
	25	2	4	I 16	I 37	I 44	I 40	19	44

M. D.	⊕	☿	☽	Lat. ☽	☿	♃	♄	♅	♀	♆	Sun's Declin. South.
1	9 28	I 34	4S. c	20 29	24 47	7 47	19 55	I 5	44	2I 54	
2	10 29	16 13	2 59	20 36	24 54	8 22	20 26	17	18	22 3	
3	11 30	I II 12	I 45	20 43	25 1	8 56	20 56	18	52	22 11	
4	12 31	16 22	o 23	20 49	25 8	9 31	2I 24	20	26	22 19	
5	13 32	I 34	1N 1	20 56	25 14	10 5	2I 51	22	c	22 27	
6	14 33	16 39	2 20	I 21	25 21	10 40	22 16	23	33	22 34	
7	15 34	I 28	3 29	2I 10	25 27	11 14	22 38	25	7	22 41	
8	16 35	15 55	4 22	2I 17	25 33	II 48	22 58	26	40	22 47	
9	17 36	29 58	4 58	2I 24	25 39	12 23	23 17	28	14	22 53	
10	18 37	I 35	5 16	2I 30	25 45	12 57	23 34	29	47	22 59	
11	19 38	26 49	5 16	2I 37	25 50	13 31	23 49	I V 21	23	4	
12	20 39	9 45	5 1	2I 43	25 56	14 5	24	2	54	23 8	
13	21 40	22 13	4 31	2I 50	26 1	14 39	24 13	4	27	23 12	
14	22 41	4M 31	3 49	2I 57	26 6	15 13	24 21	6	0	23 16	
15	23 43	16 37	2 58	22 3	26 11	15 47	24 27	7	33	23 19	
16	24 44	28 3	I 59	22 9	26 16	16 20	24 31	9	5	23 22	
17	25 45	10 27	o 56	22 16	26 21	16 54	24 35	10	37	23 24	
18	26 46	22 15	oS. 6	22 22	26 26	17 28	24 R 32	12	9	23 26	
19	27 47	4V 3	I 1	22 28	26 30	18 1	24 28	13	40	23 27	
20	28 48	15 53	2 16	22 35	26 34	18 34	24 22	15	10	23 28	
21	29 49	50 42	3 12	22 4	26 38	19 8	24 14	16	39	23 28	
22	V 51	9 39	4 o	22 47	26 42	19 41	24 3	18	7	23 28	
23	I 52	21 44	4 38	22 53	26 46	20 14	23 49	19	34	23 27	
24	2 53	4 0	5 4	22 59	26 50	20 47	23 3	20	58	23 26	
25	3 54	16 31	5 16	23 5	26 53	2I 20	23 15	22	20	23 25	
26	4 55	29 19	5 13	23 10	26 56	2I 53	22 54	23	40	23 23	
27	5 57	I 29	4 54	23 16	26 59	22 26	22 31	24	57	23 20	
28	6 58	26 3	4 18	23 22	27 2	22 58	22 6	26	10	23 17	
29	7 59	10 8	3 26	23 28	27 4	23 31	2I 39	27	19	23 14	
30	9 0	c 24	27 2	19 3	27 7	24 4	2I 10	28	23	23 10	
31	10 1	9 I 12	I 2	22 2	27 9	24 36	20 30	29	22	23 5	

The Heliocentric Motions.

Days	$\text{h}$	$\text{m}$	$24$	$\text{m}\varnothing$	$\varnothing$	$\text{m}\Theta$	$\Theta$	$\text{m}\Pi$	$\Pi$	$\text{m}\varnothing$	$\varnothing$	$\text{m}\text{f}$	$\text{f}$
1	18	38	14	41	6	22	9	28	17	41	29	11	
7	18	49	15	9	9	0	15	34	27	19	16	33	
13	19	0	15	36	11	37	21	40	6	11	58	30	
19	19	11	16	4	14	15	27	47	16	39	27	6	
25	19	23	16	31	16	54	3	54	26	20	22	37	

December, 1778

Day-lig. B. & E.	Sun Ri. Set.	Clock too flo.
5 54	7 7 57	10 28
5 57	7 8 2 4	8 0
5 59	7 8 6 4	5 15
6 1	6 8 8 4	2 17
6 1	6 8 7 4	o/a. 43

M. H. Wat. Lon. B.

The Lunar Aspects.

D. Morn. Aftern.

	$\odot$	$\text{I}^{\circ}$	$24$	$\varnothing$	$\varnothing$								
1	II 39												
2	0 11	0 42		8 7	$\Delta 14$				$\Delta 7$				
3	I 12	I 42	8 17			$\Delta 13$							
4	2 II	2 38			$\square 16$					8 7			
5	3 4	3 25			$\square 14$								
6	3 46	4 7		$\Delta 7$	* 16			8 9					
7	4 28	4 52				* 17							
8	5 16	5 41	$\Delta 1$	$\square 9$						$\Delta 21$			
9	6 6	6 32											
10	6 59	7 26	$\square 10$	* 14	$\square 22$			$\Delta 18$					
11	7 53	8 21								$\square 10$			
12	8 50	9 18	* 23			$\delta 8$							
13	9 46	10 14						$\square 4$					
14	10 41	II 9							* 3				
15	II 37			$\delta 11$	* 19			* 16					
16	0 3	0 28											
17	0 53	I 18											
18	I 42	2 6	$\delta 10$		$\square 9$								
19	2 28	2 50								$\delta 12$			
20	3 7	3 24		* 14	$\Delta 22$	$\square 6$	$\delta 17$						
21	3 39	3 53											
22	4 9	4 26						$\Delta 21$					
23	4 44	5 2	* 22	$\square 2$									
24	5 20	5 39											
25	6 1	6 24			$\Delta 12$	$\square 20$		* 12	* 12				
26	6 47	7 10	$\square 11$										
27	7 36	8 3											
28	8 34	9 5	$\Delta 20$										
29	9 38	10 12		$\square 22$									
30	10 47	II 22											
31	II 57												

The Mutual Aspects.

\*  $\text{I}^{\circ}$   $\varnothing$

$\square$  Perig.

$\square 24$   $\varnothing$

$\square \odot 24$

$\square$  Apog.

$\square \delta \varnothing$

$\delta \varnothing \varnothing$

$\square \delta \varnothing$



